



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0011
Ordered Item Lot # 3313001
Ordered Item Description AMINO COMPLETE 120 VCAPS
Bulk Prod Code 50011C
Bulk Prod Lot # 3311274
Expiration Date 10-SEP-27
Manufacture Date 12-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 97 ppb	QCM3.016	33 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 97 ppb	QCM3.016	11 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 161 ppb	QCM3.016	43 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 97 ppb	QCM3.016	13 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light beige to tan to white to slight off-white	QCM6.008	Conforms
Odor	Characteristic bland soy/whey odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	866 - 910 mg	QCM6.021	890 mg
Disintegration - Water	0 - 60 min	QCM6.020	7 min
Fill Weight	736 - 780 mg	QCM6.005	765 mg
Length	NMT 25.6mm	QCM6.021	24.7 mm

Strength

Test	Specification	Method	Results
Pyridoxine	3.3 - 4.5 mg	QCM3.177	4.1 mg

Approved By / Date: Quality Approved / 25-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0030
Ordered Item Lot # 3304765
Ordered Item Description ARGININE 500mg 100 VCAPS
Bulk Prod Code 50030C
Bulk Prod Lot # 3301512SK
Expiration Date 19-JUL-27
Manufacture Date 20-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 124 ppb	QCM3.016	35 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 124 ppb	QCM3.016	5 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 205 ppb	QCM3.016	42 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 124 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	686 - 721 mg	QCM6.021	701 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	579 - 610 mg	QCM6.005	598 mg
Length	NMT 23.8 mm	QCM6.021	22.9 mm

Strength

Test	Specification	Method	Results
L-Arginine	500 - 600 mg	QCM3.132	544 mg

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0031
Ordered Item Lot # 3305767
Ordered Item Description ARGININE 500mg 250 VCAPS
Bulk Prod Code 50030C
Bulk Prod Lot # 3302847SK
Expiration Date 25-JUL-27
Manufacture Date 27-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 124 ppb	QCM3.016	1 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 124 ppb	QCM3.016	0 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 205 ppb	QCM3.016	4 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 124 ppb	QCM3.016	0 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	686 - 721 mg	QCM6.021	705 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	579 - 610 mg	QCM6.005	604 mg
Length	NMT 23.8 mm	QCM6.021	22.9 mm

Strength

Test	Specification	Method	Results
L-Arginine	500 - 600 mg	QCM3.132	536 mg

Approved By / Date: Quality Approved / 05-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0035
Ordered Item Lot # 3311522
Ordered Item Description ARGININE 1000mg 120 TABS
Bulk Prod Code 50035E
Bulk Prod Lot # 3308177SK
Expiration Date 30-AUG-27
Manufacture Date 01-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 132 ppb	QCM3.016	29 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 53 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 132 ppb	QCM3.016	34 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 53 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1818 - 1909 mg	QCM6.021	1852 mg
Disintegration - Water	0 - 60 min	QCM6.020	20 min

Strength

Test	Specification	Method	Results
L-Arginine	1000 - 1200 mg	QCM3.132	1086 mg

Approved By / Date: Quality Approved / 12-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	0037
Ordered Item Lot #	3304994
Ordered Item Description	ARGININE 500mg & CITRULLINE 250MG 120 VCAPS
Bulk Prod Code	50037D
Bulk Prod Lot #	3302385
Expiration Date	20-JUL-27
Manufacture Date	22-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 170 ppb	QCM3.016	58 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 58 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 114 ppb	QCM3.016	54 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 58 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	967 - 1016 mg	QCM6.021	967 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	837 - 886 mg	QCM6.005	841 mg
Length	NMT 25.6 mm	QCM6.021	24.9 mm

Strength

Test	Specification	Method	Results
L-Arginine	500 - 600 mg	QCM3.132	529 mg
L-Citrulline	250 - 300 mg	QCM3.132	260 mg

Approved By / Date: Quality Approved / 16-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0065
Ordered Item Lot # 3301436
Ordered Item Description CARNITINE LIQUID CITRUS 16 OZ
Bulk Prod Code 60065
Bulk Prod Lot # 3300015
Expiration Date 22-JUN-25
Manufacture Date 23-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 184 ppb	QCM3.016	14 ppb
Arsenic µg/day	0.0 - 3.0 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 184 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 3.0 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 31 ppb	QCM3.016	5 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 18 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Identification

Test	Specification	Method	Results
Color/Appearance	Clear, colorless	QCM6.008	Conforms
Odor	Citrus-vanilla odor	QCM6.008	Conforms
Specific Gravity @ 25°C	1.073 - 1.085	QCM6.001	1.078
Taste/Mouth feel	Sweet/sour taste	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
pH@25°C	4.0 - 4.7 pH	QCM6.015	4.5

Strength

Test	Specification	Method	Results
Carnitine	1000-1200 mg/serving	QCM3.193	1183 mg / serving
Pantothenic Acid	10-13 mg/serving	QCM3.177	13 mg / serving
Pyridoxine	2.0-2.5 mg/serving	QCM3.177	2.4 mg / serving

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	0067
Ordered Item Lot #	3311644
Ordered Item Description	CARNITINE TARTRATE 1000mg 50 TABS
Bulk Prod Code	50067
Bulk Prod Lot #	3309712SK
Expiration Date	31-AUG-27
Manufacture Date	01-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 250 ppb	QCM3.016	65 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 125 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 125 ppb	QCM3.016	38 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 76 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1909 - 2005 mg	QCM6.021	1952 mg
Disintegration - Water	0 - 60 min	QCM6.020	19 min

Strength

Test	Specification	Method	Results
L-Carnitine	1000 - 1200 mg	QCM3.193	1074 mg

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0077
Ordered Item Lot # 3307852
Ordered Item Description CYSTEINE 500mg 100 TABS
Bulk Prod Code 50077B
Bulk Prod Lot # 3291588
Expiration Date 07-AUG-28
Manufacture Date 09-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 114 ppb	QCM3.016	12 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 68 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 296 ppb	QCM3.016	42 ppb
Lead µg/day	0.0 - 1.3 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 68 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white	QCM6.008	Conforms
Odor	Rotten eggs (sulfur) odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1396 - 1466 mg	QCM6.021	1404 mg
Disintegration - Water	0 - 60 min	QCM6.020	19 min
Friability	NMT 0.5%	QCM6.017	0.0 %
Hardness	15 - 55 kp	QCM6.016	32 kp
Tablet Thickness	6.60 - 8.00 mm	QCM6.021	7.03 mm

Strength

Test	Specification	Method	Results
Ascorbic Acid	60 - 72 mg	QCM4.001	70 mg
L-Cysteine	500 - 600 mg	QCM3.184	559 mg
Pyridoxine	10 - 15 mg	QCM3.177	12 mg

Approved By / Date: Quality Approved / 31-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0084
Ordered Item Lot # 3308191
Ordered Item Description ACETYL L-CARN 500mg 200 VCAPS
Bulk Prod Code 50075D
Bulk Prod Lot # 3306352
Expiration Date 10-AUG-27
Manufacture Date 11-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 106 ppb	QCM3.016	57 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 71 ppb	QCM3.016	7 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 176 ppb	QCM3.016	40 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 71 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Total Heavy Metals	0 - 10,000 ppb	QCM3.016	106 ppb

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slightly off-white	QCM6.008	Conforms
Odor	Odorless to slightly sour	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	800-840 mg	QCM6.021	817 mg
Disintegration - Water	0-60 min	QCM6.020	5 min
Fill Weight	675-715 mg	QCM6.005	697 mg
Length	NMT 23.6 mm	QCM6.021	23.2 mm

Strength

Test	Specification	Method	Results
Acetyl L-Carnitine	500-600 mg	QCM3.193	539 mg

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0085
Ordered Item Lot # 3309416
Ordered Item Description NAC-ACETYL CYSTEINE 600mg 100 VCAPS
Bulk Prod Code 50085B
Bulk Prod Lot # W0024634
Expiration Date 17-AUG-28
Manufacture Date 19-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 638 ppb	QCM3.016	90 ppb
Arsenic µg/day	0.0 - 0.9 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 1000 ppb	QCM3.016	210 ppb
Cadmium µg/day	0.0 - 1.4 µg/day	QCM3.016	0.3 µg/day
Lead	0 - 215 ppb	QCM3.016	77 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 74 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slightly off-white	QCM6.008	Conforms
Odor	Sulfur odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	766 - 805 mg	QCM6.021	784 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	670 - 709 mg	QCM6.005	697 mg
Length	NMT 22.0 mm	QCM6.021	21.3 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Molybdenum	50 - 100 mcg	QCM3.263	69 mcg
N-Acetyl-L-Cysteine	600 - 720 mg	QCM3.184	650 mg
Selenium	25 - 36 mcg	QCM3.263	31 mcg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0088
Ordered Item Lot # 3306424
Ordered Item Description GABA 500mg 200 VCAPS
Bulk Prod Code 50088C
Bulk Prod Lot # 3303166SK
Expiration Date 29-JUL-28
Manufacture Date 01-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 150 ppb	QCM3.016	16 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 51 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 150 ppb	QCM3.016	14 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 51 ppb	QCM3.016	1 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative / 25 g	QCMB010	Negative/25g
Salmonella	Negative / 25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	760 - 798 mg	QCM6.021	781 mg
Disintegration - Water	0 - 60 min	QCM6.020	15 min
Fill Weight	638 - 676 mg	QCM6.005	661 mg
Length	NMT 23.6mm	QCM6.021	22.9 mm

Strength

Test	Specification	Method	Results
Gamma-Aminobutyric Acid (GABA)	500 - 600 mg	QCM1.035	576 mg
Pyridoxine	2.0 - 2.4 mg	QCM3.177	2.3 mg

Approved By / Date: Quality Approved / 11-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0089
Ordered Item Lot # 3317712
Ordered Item Description GABA 750mg 100 VCAPS
Bulk Prod Code 50082C
Bulk Prod Lot # 3314172
Expiration Date 03-OCT-28
Manufacture Date 06-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 122 ppb	QCM3.016	32 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 122 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 242 ppb	QCM3.016	35 ppb
Lead µg/day	0.0 - 0.4 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 62 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Off-white to white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	918 - 964 mg	QCM6.021	945 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	788 - 834 mg	QCM6.005	801 mg
Length	NMT 25.6mm	QCM6.021	25.1 mm

Strength

Test	Specification	Method	Results
Gamma-Aminobutyric Acid (GABA)	750 - 900 mg	QCM1.035	762 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0097
Ordered Item Lot # 3306371
Ordered Item Description 5-HTP 50mg 30 VCAPS
Bulk Prod Code 50097B
Bulk Prod Lot # 3304292
Expiration Date 31-JUL-27
Manufacture Date 02-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 265 ppb	QCM3.016	163 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 265 ppb	QCM3.016	10 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 265 ppb	QCM3.016	0 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 265 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to light beige; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	450 - 473 mg	QCM6.021	471 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	374 - 396 mg	QCM6.005	396 mg
Length	NMT 19.7mm	QCM6.021	18.5 mm

Strength

Test	Specification	Method	Results
5-HTP	50 - 60 mg	QCM1.006	57 mg

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0099
Ordered Item Lot # 3306665
Ordered Item Description 5-HTP 50mg 90 VCAPS
Bulk Prod Code 50097B
Bulk Prod Lot # 3304292
Expiration Date 31-JUL-27
Manufacture Date 02-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 265 ppb	QCM3.016	163 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 265 ppb	QCM3.016	10 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 265 ppb	QCM3.016	0 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 265 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to light beige; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	450 - 473 mg	QCM6.021	471 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	374 - 396 mg	QCM6.005	396 mg
Length	NMT 19.7mm	QCM6.021	18.5 mm

Strength

Test	Specification	Method	Results
5-HTP	50 - 60 mg	QCM1.006	57 mg

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0100
Ordered Item Lot # 3318266
Ordered Item Description LYSINE 500mg 100 TABS
Bulk Prod Code 50100
Bulk Prod Lot # 3316753SK
Expiration Date 08-OCT-27
Manufacture Date 09-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 121 ppb	QCM3.016	14 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 121 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 201 ppb	QCM3.016	9 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 121 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative / 25 g	QCMB010	Negative/25g
Salmonella	Negative / 25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	797 - 837 mg	QCM6.021	824 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min

Strength

Test	Specification	Method	Results
L-Lysine	500 - 600 mg	QCM3.132	542 mg

Approved By / Date: Quality Approved / 11-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0102
Ordered Item Lot # 3318259
Ordered Item Description LYSINE 500mg 250 TABS
Bulk Prod Code 50100
Bulk Prod Lot # 3316996SK
Expiration Date 08-OCT-27
Manufacture Date 09-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 121 ppb	QCM3.016	14 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 121 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 201 ppb	QCM3.016	12 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 121 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative / 25 g	QCMB010	Negative/25g
Salmonella	Negative / 25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	797 - 837 mg	QCM6.021	824 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min

Strength

Test	Specification	Method	Results
L-Lysine	500 - 600 mg	QCM3.132	541 mg

Approved By / Date: Quality Approved / 11-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0105
Ordered Item Lot # 3311380
Ordered Item Description 5-HTP 100mg 60 VCAPS
Bulk Prod Code 50105
Bulk Prod Lot # 3308337SK
Expiration Date 28-AUG-28
Manufacture Date 31-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 315 ppb	QCM3.016	158 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 127 ppb	QCM3.016	12 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 315 ppb	QCM3.016	41 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 65 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to beige to light gray; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	600 - 630 mg	QCM6.021	626 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	504 - 534 mg	QCM6.005	519 mg
Length	NMT 22.0mm	QCM6.021	21.2 mm

Strength

Test	Specification	Method	Results
5-HTP	100 - 120 mg	QCM1.006	104 mg

Approved By / Date: Quality Approved / 05-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0106
Ordered Item Lot # 3312227
Ordered Item Description 5-HTP 100mg 120 VCAPS
Bulk Prod Code 50105
Bulk Prod Lot # 3309164SK
Expiration Date 04-SEP-28
Manufacture Date 07-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 315 ppb	QCM3.016	197 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 127 ppb	QCM3.016	20 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 315 ppb	QCM3.016	40 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 65 ppb	QCM3.016	13 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to beige to light gray; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	600 - 630 mg	QCM6.021	630 mg
Disintegration - Water	0 - 60 min	QCM6.020	9 min
Fill Weight	504 - 534 mg	QCM6.005	534 mg
Length	NMT 22.0mm	QCM6.021	21.8 mm

Strength

Test	Specification	Method	Results
5-HTP	100 - 120 mg	QCM1.006	105 mg

Approved By / Date: Quality Approved / 02-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0108
Ordered Item Lot # 3314921
Ordered Item Description 5-HTP 200mg 60 VCAPS
Bulk Prod Code 50109
Bulk Prod Lot # 3309244
Expiration Date 19-SEP-28
Manufacture Date 21-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 240 ppb	QCM3.016	62 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 82 ppb	QCM3.016	5 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 240 ppb	QCM3.016	51 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 82 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light tan to creamish to yellowish-beige with white speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	694 - 729 mg	QCM6.021	727 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	598 - 633 mg	QCM6.005	631 mg
Length	NMT 22.0 mm	QCM6.021	21.3 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Glycine	100 - 120 mg	QCM3.132	117 mg
Inositol	100 - 120 mg	QCM3.249	119 mg
Niacinamide	20 - 24 mg	QCM3.177	23 mg
Pyridoxine	2.0 - 2.7 mg	QCM3.177	2.4 mg
Taurine	100 - 120 mg	QCM3.132	112 mg
5-HTP	200 - 240 mg	QCM1.006	216 mg

Approved By / Date: Quality Approved / 22-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0110
Ordered Item Lot # 3312758
Ordered Item Description LYSINE 500mg 100 VCAPS
Bulk Prod Code 50110C
Bulk Prod Lot # 3297416
Expiration Date 07-SEP-28
Manufacture Date 09-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 90 ppb	QCM3.016	22 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 90 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 90 ppb	QCM3.016	16 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 46 ppb	QCM3.016	12 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Staph. aureus	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white to light cream to cream; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	840 - 882 mg	QCM6.021	863 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	710 - 752 mg	QCM6.005	723 mg
Length	NMT 25.6mm	QCM6.021	25.2 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
L-Lysine	500 - 600 mg	QCM3.132	543 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0111
Ordered Item Lot # 3313331
Ordered Item Description 5-HTP 200MG 120VCAPS
Bulk Prod Code 50109
Bulk Prod Lot # 3309244
Expiration Date 19-SEP-28
Manufacture Date 21-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 240 ppb	QCM3.016	62 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 82 ppb	QCM3.016	5 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 240 ppb	QCM3.016	51 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 82 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light tan to creamish to yellowish-beige with white speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	694 - 729 mg	QCM6.021	727 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	598 - 633 mg	QCM6.005	631 mg
Length	NMT 22.0 mm	QCM6.021	21.3 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Glycine	100 - 120 mg	QCM3.132	117 mg
Inositol	100 - 120 mg	QCM3.249	119 mg
Niacinamide	20 - 24 mg	QCM3.177	23 mg
Pyridoxine	2.0 - 2.7 mg	QCM3.177	2.4 mg
Taurine	100 - 120 mg	QCM3.132	112 mg
5-HTP	200 - 240 mg	QCM1.006	216 mg

Approved By / Date: Quality Approved / 14-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0117
Ordered Item Lot # 3317237
Ordered Item Description L-METHIONINE 500mg 100 VCAPS
Bulk Prod Code 50117B
Bulk Prod Lot # 3313044
Expiration Date 02-OCT-28
Manufacture Date 04-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 172 ppb	QCM3.016	70 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 88 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 172 ppb	QCM3.016	145 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 88 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white	QCM6.008	Conforms
Odor	Sulfur odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	672 - 706 mg	QCM6.021	687 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	565 - 599 mg	QCM6.005	584 mg
Length	NMT 23.8 mm	QCM6.021	22.7 mm

Strength

Test	Specification	Method	Results
L-Methionine	500 - 600 mg	QCM3.132	533 mg
Pyridoxine	10 - 12 mg	QCM3.177	3298172

Approved By / Date: Quality Approved / 09-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0122
Ordered Item Lot # 3308758
Ordered Item Description ORNITHINE 500mg 120 VCAPS
Bulk Prod Code 50120D
Bulk Prod Lot # 3307292
Expiration Date 14-AUG-27
Manufacture Date 16-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 138 ppb	QCM3.016	74 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 138 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 229 ppb	QCM3.016	40 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 138 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	823 - 865 mg	QCM6.021	850 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	693 - 735 mg	QCM6.005	708 mg
Length	NMT 25.6 mm	QCM6.021	24.7 mm

Strength

Test	Specification	Method	Results
L-Ornithine	500 - 600 mg	QCM3.132	524 mg

Approved By / Date: Quality Approved / 15-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0123
Ordered Item Lot # 3314905
Ordered Item Description L-LYSINE 1000mg 250 TABS
Bulk Prod Code 50113
Bulk Prod Lot # 3311796SK
Expiration Date 19-SEP-28
Manufacture Date 21-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 144 ppb	QCM3.016	31 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 87 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 144 ppb	QCM3.016	45 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 87 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1689 - 1744 mg	QCM6.021	1733 mg
Disintegration - Water	0 - 60 min	QCM6.020	20 min

Strength

Test	Specification	Method	Results
L-Lysine	1000 - 1200 mg	QCM3.132	1002 mg

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0129
Ordered Item Lot # 3315457
Ordered Item Description GABA 750mg 200 VCAPS
Bulk Prod Code 50082C
Bulk Prod Lot # 3313931
Expiration Date 21-SEP-28
Manufacture Date 25-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 122 ppb	QCM3.016	31 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 122 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 242 ppb	QCM3.016	40 ppb
Lead µg/day	0.0 - 0.4 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 62 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Off-white to white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	918 - 964 mg	QCM6.021	929 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	788 - 834 mg	QCM6.005	807 mg
Length	NMT 25.6mm	QCM6.021	25.0 mm

Strength

Test	Specification	Method	Results
Gamma-Aminobutyric Acid (GABA)	750 - 900 mg	QCM1.035	791 mg

Approved By / Date: Quality Approved / 07-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0140
Ordered Item Lot # 3312135
Ordered Item Description TAURINE 500mg 100 CAPS
Bulk Prod Code 50140B
Bulk Prod Lot # 3309455
Expiration Date 05-SEP-27
Manufacture Date 06-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 109 ppb	QCM3.016	68 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 362 ppb	QCM3.016	8 ppb
Cadmium µg/day	0.0 - 1.0 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 181 ppb	QCM3.016	43 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 109 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	747 - 785 mg	QCM6.021	767 mg
Disintegration - Water	0-60 min	QCM6.020	2 min
Fill Weight	651 - 689 mg	QCM6.005	655 mg
Length	NMT 22.0 mm	QCM6.021	21.2 mm

Strength

Test	Specification	Method	Results
Taurine	500 - 600 mg	QCM3.132	516 mg

Approved By / Date: Quality Approved / 11-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0140
Ordered Item Lot # 3315223
Ordered Item Description TAURINE 500mg 100 CAPS
Bulk Prod Code 50140B
Bulk Prod Lot # 3309803
Expiration Date 21-SEP-27
Manufacture Date 22-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 109 ppb	QCM3.016	61 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 362 ppb	QCM3.016	6 ppb
Cadmium µg/day	0.0 - 1.0 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 181 ppb	QCM3.016	48 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 109 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	747 - 785 mg	QCM6.021	766 mg
Disintegration - Water	0-60 min	QCM6.020	2 min
Fill Weight	651 - 689 mg	QCM6.005	670 mg
Length	NMT 22.0 mm	QCM6.021	21.2 mm

Strength

Test	Specification	Method	Results
Taurine	500 - 600 mg	QCM3.132	552 mg

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	0145
Ordered Item Lot #	3313606
Ordered Item Description	THEANINE 100MG 90 VCAPS
Bulk Prod Code	50145C
Bulk Prod Lot #	3310452
Expiration Date	12-SEP-26
Manufacture Date	14-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 214 ppb	QCM3.016	104 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 214 ppb	QCM3.016	40 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 1469 ppb	QCM3.016	634 ppb
Lead µg/day	0.0 - 1.4 µg/day	QCM3.016	0.6 µg/day
Mercury	0 - 109 ppb	QCM3.016	26 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light gray to grayish with speckles to greenish to brownish-green with speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	546 - 574 mg	QCM6.021	563 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	450 - 478 mg	QCM6.005	462 mg
Length	NMT 22.0mm	QCM6.021	21.1 mm

Strength

Test	Specification	Method	Results
L-Theanine	100 - 120 mg	QCM3.132	102 mg

Approved By / Date: Quality Approved / 14-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0147
Ordered Item Lot # 3313334
Ordered Item Description THEANINE 200 MG 60 VCAPS
Bulk Prod Code 50147D
Bulk Prod Lot # 3311342
Expiration Date 12-SEP-27
Manufacture Date 13-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 145 ppb	QCM3.016	49 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 145 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 145 ppb	QCM3.016	50 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 145 ppb	QCM3.016	10 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative / 25 g	QCMB010	Negative/25g
Salmonella	Negative / 25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	416 - 437 mg	QCM6.021	426 mg
Disintegration - Water	0 - 60 min	QCM6.020	2 min
Fill Weight	340 - 361 mg	QCM6.005	359 mg
Length	NMT 19.7mm	QCM6.021	19.0 mm

Strength

Test	Specification	Method	Results
Inositol	100 - 120 mg	QCM3.249	120 mg
L-Theanine	200 - 240 mg	QCM3.132	219 mg

Approved By / Date: Quality Approved / 25-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0152
Ordered Item Lot # 3299032
Ordered Item Description TRI-AMINO 120 VCAPS
Bulk Prod Code 50150B
Bulk Prod Lot # 3297521
Expiration Date 05-JUN-26
Manufacture Date 06-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 264 ppb	QCM3.016	25 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 107 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 160 ppb	QCM3.016	21 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 107 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Off-white	QCM6.008	Conforms
Odor	Odorless to slight solvent odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1031 - 1083 mg	QCM6.021	1049 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	901 - 953 mg	QCM6.005	918 mg
Length	NMT 25.6 mm	QCM6.021	24.8 mm

Strength

Test	Specification	Method	Results
L-Arginine	275 - 330 mg	QCM3.132	311 mg
L-Lysine	225 - 270 mg	QCM3.132	260 mg
L-Ornithine	200 - 240 mg	QCM3.132	222 mg

Approved By / Date: Quality Approved / 01-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0166
Ordered Item Lot # 3292110
Ordered Item Description L-TRYPTOPHAN 500MG 60 VCAPS
Bulk Prod Code 50166B
Bulk Prod Lot # 3290377
Expiration Date 14-APR-25
Manufacture Date 17-APR-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 119 ppb	QCM3.016	30 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 238 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 1.0 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 119 ppb	QCM3.016	19 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 72 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Slight off-white to creamish-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	780 - 819 mg	QCM6.021	802 mg
Disintegration - Water	0 - 60 min	QCM6.020	15 min
Fill Weight	658 - 697 mg	QCM6.005	663 mg
Length	NMT 23.6 mm	QCM6.021	23.0 mm

Strength

Test	Specification	Method	Results
L-Tryptophan	500 - 600 mg	QCM3.136	565 mg

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0167
Ordered Item Lot # 3314869
Ordered Item Description L-TRYPTOPHAN 500MG 120 VCAPS
Bulk Prod Code 50166B
Bulk Prod Lot # 3296844SK
Expiration Date 19-SEP-25
Manufacture Date 21-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 119 ppb	QCM3.016	38 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 238 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 1.0 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 119 ppb	QCM3.016	21 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 72 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Slight off-white to creamish-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	780 - 819 mg	QCM6.021	798 mg
Disintegration - Water	0 - 60 min	QCM6.020	9 min
Fill Weight	658 - 697 mg	QCM6.005	688 mg
Length	NMT 23.6 mm	QCM6.021	22.8 mm

Strength

Test	Specification	Method	Results
L-Tryptophan	500 - 600 mg	QCM3.136	574 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0175
Ordered Item Lot # 3313191
Ordered Item Description GLUTATHIONE 500mg 30 VCAPS
Bulk Prod Code 50104F
Bulk Prod Lot # 3306043
Expiration Date 11-SEP-27
Manufacture Date 12-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 265 ppb	QCM3.016	133 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 136 ppb	QCM3.016	10 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 395 ppb	QCM3.016	190 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 136 ppb	QCM3.016	23 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Slight creamish-yellow to light beige to khaki	QCM6.008	Conforms
Odor	Odorless to slight sour odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	859 - 902 mg	QCM6.021	884 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	729 - 772 mg	QCM6.005	744 mg
Length	NMT 25.6 mm	QCM6.021	24.3 mm

Strength

Test	Specification	Method	Results
Alpha Lipoic Acid	50 - 65 mg	MDM1.051	61 mg
L-Glutathione (Reduced)	500 - 600 mg	QCM3.184	525 mg
Silymarin	80 - 125 mg	COR-QCG-042	86 mg

Approved By / Date: Quality Approved / 13-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0215
Ordered Item Lot # 3309596
Ordered Item Description GABA PURE POWDER 6 OZ
Bulk Prod Code 50089
Bulk Prod Lot # 3298172
Expiration Date 17-AUG-28
Manufacture Date 21-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	11 ppb
Cadmium	NMT 820 ppb	QCM3.016	2 ppb
Lead	NMT 1000 ppb	QCM3.016	9 ppb
Mercury	NMT 400 ppb	QCM3.016	1 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
Water Activity	<0.80	QCM6.023	0.38 aW

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
Gamma-Aminobutyric Acid (GABA) RTID	Passes RT ID	QCM1.035	Pass RT ID
Odor	Cheese like odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	0.30 - 0.52 g/mL	QCM6.013	0.51 g/mL
Density - Tapped	0.50 - 0.70 g/mL	QCM6.013	0.68 g/mL
Mesh Thru #20	NLT 70%	QCM6.024	99 %
Mesh Thru #60	NLT 50%	QCM6.024	58 %
Moisture Determination	NMT 1.0%	QCM6.012	0.1 %

Strength

Test	Specification	Method	Results
Gamma-Aminobutyric Acid (GABA)	99 - 105% As is	QCM1.035	102 % As Is

Approved By / Date: Quality Approved / 28-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	0221
Ordered Item Lot #	3308795
Ordered Item Description	L-GLUTAMINE POWDER 1 LB
Bulk Prod Code	50220
Bulk Prod Lot #	3299735
Expiration Date	13-AUG-28
Manufacture Date	16-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Doping Screen	None detected	MDM4.074	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	15 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	6 ppb
Mercury	NMT 400 ppb	QCM3.016	2 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
Water Activity	< 0.80	QCM6.023	0.32 aW

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
L-Glutamine RTID	Passes RT ID	QCM3.132	Pass RT ID
Odor	Odorless to sweet aroma	QCM6.008	Conforms
Taste/Mouth feel	Slight sweet taste [Note: Dilute 5g in 6-8 oz. water]	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	0.50 - 0.70 g/mL	QCM6.013	0.66 g/mL
Density - Tapped	0.75 - 1.00 g/mL	QCM6.013	0.88 g/mL
Mesh Thru #60	NLT 60%	QCM6.024	100 %



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
L-Glutamine	96.5 - 105.0% On dry basis	QCM3.132	98.0 % On Dry Basis

Approved By / Date: Quality Approved / 20-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0221
Ordered Item Lot # 3308795
Ordered Item Description L-GLUTAMINE POWDER 1 LB
Bulk Prod Code 50220
Bulk Prod Lot # 3302280
Expiration Date 13-AUG-28
Manufacture Date 16-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Doping Screen	None detected	MDM4.074	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	18 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	10 ppb
Mercury	NMT 400 ppb	QCM3.016	2 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
Water Activity	< 0.80	QCM6.023	0.36 aW

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
L-Glutamine RTID	Passes RT ID	QCM3.132	Pass RT ID
Odor	Odorless to sweet aroma	QCM6.008	Conforms
Taste/Mouth feel	Slight sweet taste [Note: Dilute 5g in 6-8 oz. water]	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	0.50 - 0.70 g/mL	QCM6.013	0.59 g/mL
Density - Tapped	0.75 - 1.00 g/mL	QCM6.013	0.87 g/mL
Mesh Thru #60	NLT 60%	QCM6.024	99 %

Strength



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
L-Glutamine	96.5 - 105.0% On dry basis	QCM3.132	98.9 % On Dry Basis

Approved By / Date: Quality Approved / 20-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	0221
Ordered Item Lot #	3308795
Ordered Item Description	L-GLUTAMINE POWDER 1 LB
Bulk Prod Code	50220
Bulk Prod Lot #	3302281
Expiration Date	13-AUG-28
Manufacture Date	16-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Doping Screen	None detected	MDM4.074	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	15 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	8 ppb
Mercury	NMT 400 ppb	QCM3.016	2 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
Water Activity	< 0.80	QCM6.023	0.38 aW

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
L-Glutamine RTID	Passes RT ID	QCM3.132	Pass RT ID
Odor	Odorless to sweet aroma	QCM6.008	Conforms
Taste/Mouth feel	Slight sweet taste [Note: Dilute 5g in 6-8 oz. water]	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	0.50 - 0.70 g/mL	QCM6.013	0.59 g/mL
Density - Tapped	0.75 - 1.00 g/mL	QCM6.013	0.87 g/mL
Mesh Thru #60	NLT 60%	QCM6.024	99 %

Strength



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
L-Glutamine	96.5 - 105.0% On dry basis	QCM3.132	98.6 % On Dry Basis

Approved By / Date: Quality Approved / 20-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0221
Ordered Item Lot # 3308795
Ordered Item Description L-GLUTAMINE POWDER 1 LB
Bulk Prod Code 50220
Bulk Prod Lot # 3302281
Expiration Date 13-AUG-28
Manufacture Date 16-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Doping Screen	None detected	MDM4.074	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	15 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	8 ppb
Mercury	NMT 400 ppb	QCM3.016	2 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
Water Activity	< 0.80	QCM6.023	0.38 aW

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
L-Glutamine RTID	Passes RT ID	QCM3.132	Pass RT ID
Odor	Odorless to sweet aroma	QCM6.008	Conforms
Taste/Mouth feel	Slight sweet taste [Note: Dilute 5g in 6-8 oz. water]	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	0.50 - 0.70 g/mL	QCM6.013	0.59 g/mL
Density - Tapped	0.75 - 1.00 g/mL	QCM6.013	0.87 g/mL
Mesh Thru #60	NLT 60%	QCM6.024	99 %

Strength



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
L-Glutamine	96.5 - 105.0% On dry basis	QCM3.132	98.6 % On Dry Basis

Approved By / Date: Quality Approved / 20-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	0221
Ordered Item Lot #	3308795
Ordered Item Description	L-GLUTAMINE POWDER 1 LB
Bulk Prod Code	50220
Bulk Prod Lot #	3302281
Expiration Date	13-AUG-28
Manufacture Date	16-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Doping Screen	None detected	MDM4.074	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	15 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	8 ppb
Mercury	NMT 400 ppb	QCM3.016	2 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
Water Activity	< 0.80	QCM6.023	0.38 aW

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
L-Glutamine RTID	Passes RT ID	QCM3.132	Pass RT ID
Odor	Odorless to sweet aroma	QCM6.008	Conforms
Taste/Mouth feel	Slight sweet taste [Note: Dilute 5g in 6-8 oz. water]	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	0.50 - 0.70 g/mL	QCM6.013	0.59 g/mL
Density - Tapped	0.75 - 1.00 g/mL	QCM6.013	0.87 g/mL
Mesh Thru #60	NLT 60%	QCM6.024	99 %

Strength



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
L-Glutamine	96.5 - 105.0% On dry basis	QCM3.132	98.6 % On Dry Basis

Approved By / Date: Quality Approved / 20-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0221
Ordered Item Lot # 3308795
Ordered Item Description L-GLUTAMINE POWDER 1 LB
Bulk Prod Code 50220
Bulk Prod Lot # 3302281
Expiration Date 13-AUG-28
Manufacture Date 16-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Doping Screen	None detected	MDM4.074	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	15 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	8 ppb
Mercury	NMT 400 ppb	QCM3.016	2 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
Water Activity	< 0.80	QCM6.023	0.38 aW

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
L-Glutamine RTID	Passes RT ID	QCM3.132	Pass RT ID
Odor	Odorless to sweet aroma	QCM6.008	Conforms
Taste/Mouth feel	Slight sweet taste [Note: Dilute 5g in 6-8 oz. water]	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	0.50 - 0.70 g/mL	QCM6.013	0.59 g/mL
Density - Tapped	0.75 - 1.00 g/mL	QCM6.013	0.87 g/mL
Mesh Thru #60	NLT 60%	QCM6.024	99 %



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
L-Glutamine	96.5 - 105.0% On dry basis	QCM3.132	98.6 % On Dry Basis

Approved By / Date: Quality Approved / 20-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0221
Ordered Item Lot # 3308795
Ordered Item Description L-GLUTAMINE POWDER 1 LB
Bulk Prod Code 50220
Bulk Prod Lot # 3299732
Expiration Date 13-AUG-28
Manufacture Date 16-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Doping Screen	None detected	MDM4.074	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	15 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	6 ppb
Mercury	NMT 400 ppb	QCM3.016	1 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
Water Activity	< 0.80	QCM6.023	0.31 aW

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
L-Glutamine RTID	Passes RT ID	QCM3.132	Pass RT ID
Odor	Odorless to sweet aroma	QCM6.008	Conforms
Taste/Mouth feel	Slight sweet taste [Note: Dilute 5g in 6-8 oz. water]	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	0.50 - 0.70 g/mL	QCM6.013	0.66 g/mL
Density - Tapped	0.75 - 1.00 g/mL	QCM6.013	0.86 g/mL
Mesh Thru #60	NLT 60%	QCM6.024	100 %

Strength

Test	Specification	Method	Results
L-Glutamine	96.5 - 105.0% On dry basis	QCM3.132	98.5 % On Dry Basis

Approved By / Date: Quality Approved / 20-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0330
Ordered Item Lot # 3305553
Ordered Item Description A 10000 IU 100 SGELS
Bulk Prod Code 50330B
Bulk Prod Lot # VS230386
Expiration Date 25-JUL-26
Manufacture Date 26-JUL-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0mg KOH/g	QCM6.011	0.3 mg KOH/g

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 596 ppb	QCM3.016	21 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 596 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 596 ppb	QCM3.016	21 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 596 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Yellow	QCM6.008	Conforms
Odor	Odorless to slightly fish in odor	QCM6.008	Conforms
Retinyl Palmitate RTID	Passes RT ID	MDM3.054	Pass RT ID

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	244 - 273 mg	QCM6.021	255 mg
Disintegration - Water	0 - 60 min	QCM6.020	91 min
Fill Weight	147 - 176 mg	QCM6.005	147 mg
Length	NMT 10.6 mm	QCM6.021	9.9 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Retinyl Palmitate	5500.0 - 8250.0 mcg	MDM3.054	7308.4 mcg
Retinyl Palmitate (IU)	10,000.0 - 15,000.0 IU (Calculated)	MDM3.054	13288.0 IU
Retinyl Palmitate (RAE)	3002.0 - 4503.0 mcg RAE (Calculated)	MDM3.054	3989.1 mcg RAE

Approved By / Date: Quality Approved / 05-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0340
Ordered Item Lot # 3313049
Ordered Item Description A 25000 IU 100 SGELS
Bulk Prod Code 50340B
Bulk Prod Lot # VS230249
Expiration Date 11-SEP-26
Manufacture Date 12-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM6.011	0.3 mg KOH/g

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 329 ppb	QCM3.016	29 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 329 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 329 ppb	QCM3.016	43 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 329 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow	QCM6.008	Conforms
Odor	Odorless to slightly fishy to fishy odor	QCM6.008	Conforms
Retinyl Palmitate RTID	Passes RT ID	MDM3.054	Pass RT ID

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	422 - 474 mg	QCM6.021	423 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	267 - 319 mg	QCM6.005	279 mg
Length	NMT 13.5 mm	QCM6.021	12.4 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Retinyl Palmitate	13750.0 - 20000.0 mcg	MDM3.054	17537.1 mcg
Retinyl Palmitate (IU)	25000.0 - 36000.0 IU (Calculated)	MDM3.054	31885.6 IU
Retinyl Palmitate (RAE)	7505.0 - 10500.0 mcg RAE (Calculated)	MDM3.054	9572.1 mcg RAE

Approved By / Date: Quality Approved / 18-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0350
Ordered Item Lot # 3310286
Ordered Item Description A & D 10000/400 100 SGELS
Bulk Prod Code 50351C
Bulk Prod Lot # VS230263
Expiration Date 23-AUG-26
Manufacture Date 24-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 4.0 mg KOH/g	QCM6.011	0.5 mg KOH/g

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 593 ppb	QCM3.016	25 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 593 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 593 ppb	QCM3.016	15 ppb
Lead µg/day	0.0 - 0.1µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 593 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms
Retinyl Palmitate RTID	Passes RT ID	MDM3.054	Pass RT ID

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	257 - 288 mg	QCM6.021	261 mg
Disintegration - Water	0 - 60 min	QCM6.020	11 min
Fill Weight	146 - 177 mg	QCM6.005	153 mg
Length	NMT 10.6 mm	QCM6.021	9.5 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Cholecalciferol	10 - 18 mcg	QCM3.055	15 mcg
Cholecalciferol RTID	Passes RT ID	QCM3.055	Pass RT ID
Cholecalciferol (IU)	10 - 720 IU (Calculated)	QCM3.055	600 IU
Retinyl Palmitate	5500.0 - 7150.0 mcg	MDM3.054	5976.5 mcg
Retinyl Palmitate (IU)	10000.0 - 13000.0 IU (Calculated)	MDM3.054	10866.4 IU
Retinyl Palmitate (RAE)	3002.0 - 3902.6 mcg RAE (Calculated)	MDM3.054	3262.1 mcg RAE

Approved By / Date: Quality Approved / 24-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0355
Ordered Item Lot # 3311316
Ordered Item Description Vit D-3 2000iu 30 SGELS
Bulk Prod Code 50367C
Bulk Prod Lot # 3251179
Expiration Date 29-AUG-27
Manufacture Date 30-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 6.6 mg KOH/g	QCM6.011	0.5 mg KOH/g
Peroxide Value	NMT 20 mEq/kg	QCM3.040	11 mEq/kg

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 652 ppb	QCM3.016	18 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 652 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 652 ppb	QCM3.016	13 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 652 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow with a slight tint of green clear oval softgels	QCM6.008	Conforms
Odor	Mild gelatin/oily odor to odorless	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	253 - 279 mg	QCM6.021	263 mg
Disintegration - Water	0 - 60 min	QCM6.020	11 min
Fill Weight	153 - 161 mg	QCM6.005	158 mg
Length	NMT 10.6 mm	QCM6.021	Pass
Moisture	NMT 10.0%	SPK-OSG-025	5.9 %

Strength

Test	Specification	Method	Results
Cholecalciferol	50.0 - 70.0 mcg	MDM3.369	53.3 mcg
Cholecalciferol (IU)	2000.0 - 2800.0 IU (Calculated)	MDM3.369	2132.0 IU

Approved By / Date: Quality Approved / 31-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0358
Ordered Item Lot # 3303992
Ordered Item Description VIT D-3 5000 IU CHEWABLE MINT 120 LOZ
Bulk Prod Code 50358
Bulk Prod Lot # 3297302SK
Expiration Date 13-JUL-26
Manufacture Date 17-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 272 ppb	QCM3.016	23 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 272 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 272 ppb	QCM3.016	30 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 272 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative / 25 g	QCMB010	Negative/25g
Salmonella	Negative / 25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Off-white to creamish with few specks small round tablets	QCM6.008	Conforms
Odor	Sweet minty aroma	QCM6.008	Conforms
Taste/Mouth feel	Cooling, sweet, mint flavor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	366 - 385 mg	QCM6.021	372 mg
Friability	NMT 5.0%	QCM6.017	0.1 %
Hardness	3 - 7 kp	QCM6.016	5 kp
Tablet Thickness	4.65 - 4.90 mm	QCM6.021	4.76 mm

Strength

Test	Specification	Method	Results
Cholecalciferol	5000 - 6000 IU	MDM4.007	5580 IU

Approved By / Date: Quality Approved / 18-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0364
Ordered Item Lot # 3307380
Ordered Item Description VIT D-3 400 IU 180 SGELS
Bulk Prod Code 50366B
Bulk Prod Lot # 3301401
Expiration Date 04-AUG-26
Manufacture Date 05-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM6.011	0.5 mg KOH/g

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 312 ppb	QCM3.016	35 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 312 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 312 ppb	QCM3.016	31 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 312 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow with a slight tint of green, clear oval softgel	QCM6.008	Conforms
Odor	Mild gelatin/oily odor to odorless	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	253 - 279 mg	QCM6.021	263 mg
Disintegration - Water	0 - 60 min	QCM6.020	13 min
Fill Weight	153 - 168 mg	QCM6.005	159 mg
Length	NMT 10.5 mm	QCM6.021	Pass
Moisture	NMT 10.0%	SPK-OSG-025	8.4 %

Strength

Test	Specification	Method	Results
Cholecalciferol	400 - 615 IU	QCM3.055	603 IU

Approved By / Date: Quality Approved / 14-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0365
Ordered Item Lot # 3313731
Ordered Item Description Vit D-3 1000iu - 180 SGELS
Bulk Prod Code 50365C
Bulk Prod Lot # 3245923
Expiration Date 13-SEP-27
Manufacture Date 14-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 6.6 mg KOH/g	QCM6.011	0.7 mg KOH/g
Peroxide Value	NMT 20 mEq/kg	QCM3.040	10 mEq/kg

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 652 ppb	QCM3.016	19 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 652 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 652 ppb	QCM3.016	18 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 652 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow with a slight tint of green, clear oval softgel	QCM6.008	Conforms
Odor	Mild gelatin/oily odor to odorless	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	253 - 279 mg	QCM6.021	263 mg
Disintegration - Water	0 - 60 min	QCM6.020	9 min
Fill Weight	153 - 161 mg	QCM6.005	158 mg
Length	NMT 10.5 mm	QCM6.021	Pass
Moisture	NMT 10.0%	SPK-OSG-025	6.5 %

Strength

Test	Specification	Method	Results
Cholecalciferol	25.0 - 40.0 mcg	MDM3.369	28.3 mcg
Cholecalciferol (IU)	1000.0 - 1600.0 IU (Calculated)	MDM3.369	1132.0 IU

Approved By / Date: Quality Approved / 16-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0367
Ordered Item Lot # 3307675
Ordered Item Description Vit D-3 2000iu 120 SGELS
Bulk Prod Code 50367C
Bulk Prod Lot # GD00010318
Expiration Date 07-AUG-27
Manufacture Date 08-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 6.6 mg KOH/g	QCM6.011	0.8 mg KOH/g
Peroxide Value	NMT 20 mEq/kg	QCM3.040	9 mEq/kg

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 631 ppb	QCM3.016	19 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 631 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 631 ppb	QCM3.016	8 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 631 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow with a slight tint of green, clear oval softgels	QCM6.008	Conforms
Odor	Mild gelatin/oily odor to odorless	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	190 - 257 mg	QCM6.021	237 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	153 - 166 mg	QCM6.005	157 mg
Length	NMT 10.5 mm	QCM6.021	9.4 mm

Strength

Test	Specification	Method	Results
Cholecalciferol	50.0 - 75.0 mcg	MDM3.369	60.9 mcg
Cholecalciferol (IU)	2000.0 - 3000.0 IU (Calculated)	MDM3.369	2436.0 IU

Approved By / Date: Quality Approved / 13-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0369
Ordered Item Lot # 3312535
Ordered Item Description Vit D-3 / K2 1000 IU/45 MCG 120 VCAPS
Bulk Prod Code 50369B
Bulk Prod Lot # 3310094
Expiration Date 07-SEP-26
Manufacture Date 08-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 283 ppb	QCM3.016	167 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 145 ppb	QCM3.016	19 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 283 ppb	QCM3.016	47 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 145 ppb	QCM3.016	12 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Off-white to light cream to light beige; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	416 - 437 mg	QCM6.021	427 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	340 - 361 mg	QCM6.005	352 mg
Length	NMT 19.7 mm	QCM6.021	18.4 mm

Strength

Test	Specification	Method	Results
Cholecalciferol	1000 - 1400 IU	MDM4.057	1394 IU
Vitamin K-2 (Menaquinone 4)	45 - 83 mcg	MDM3.369	64 mcg

Approved By / Date: Quality Approved / 12-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	0371
Ordered Item Lot #	3291873
Ordered Item Description	EX STR LIQUID VIT D-3 1,000 IU/DROP 1 FL OZ
Bulk Prod Code	6P0371
Bulk Prod Lot #	3289972
Expiration Date	12-APR-25
Manufacture Date	13-APR-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 1550 ppb	QCM3.016	8 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 1550 ppb	QCM3.016	0 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 1550 ppb	QCM3.016	5 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 1550 ppb	QCM3.016	1 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Identification

Test	Specification	Method	Results
Color/Appearance	Clear, colorless oily liquid	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms
Specific Gravity @ 25°C	0.941 - 0.948	QCM6.001	0.944
Taste/Mouth feel	None	QCM6.008	Conforms

Strength

Test	Specification	Method	Results
Cholecalciferol	1,000 - 1,200 IU/drop	MDM3.369	1106 IU / drop (35.71 mg)

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0372
Ordered Item Lot # 3309020
Ordered Item Description VIT D-3 5000IU 120 SGELS
Bulk Prod Code 50372C
Bulk Prod Lot # 3239530
Expiration Date 15-AUG-27
Manufacture Date 17-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 6.6 mg KOH/g	QCM6.011	0.6 mg KOH/g
Peroxide Value	NMT 20 mEq/kg	QCM3.040	16 mEq/kg

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 632 ppb	QCM3.016	10 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 632 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 632 ppb	QCM3.016	20 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 632 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow with a slight tint of green	QCM6.008	Conforms
Odor	Mild gelatin/oily odor to odorless	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	253 - 279 mg	QCM6.021	258 mg
Disintegration - Water	0 - 60 min	QCM6.020	17 min
Fill Weight	153 - 166 mg	QCM6.005	154 mg
Length	NMT 10.6 mm	QCM6.021	10.5 mm
Moisture	NMT 10.0%	SPK-OSG-025	5.5 %

Strength

Test	Specification	Method	Results
Cholecalciferol	125 - 175 mcg	MDM3.369	158 mcg
Cholecalciferol (IU)	5000 - 7000 IU (Calculated)	MDM3.369	6320 IU

Approved By / Date: Quality Approved / 13-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0373
Ordered Item Lot # 3309411
Ordered Item Description VIT D-3 5000 IU 240 SGELS
Bulk Prod Code 50372C
Bulk Prod Lot # VS210575
Expiration Date 17-AUG-27
Manufacture Date 19-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 6.6 mg KOH/g	QCM6.011	0.7 mg KOH/g
Peroxide Value	NMT 20 mEq/kg	QCM3.040	11 mEq/kg

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 600 ppb	QCM3.016	10 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 600 ppb	QCM3.016	5 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 600 ppb	QCM3.016	31 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 600 ppb	QCM3.016	19 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow with a slight tint of green	QCM6.008	Conforms
Odor	Mild gelatin/oily odor to odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	279 - 312 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	20 min
Fill Weight	153 - 166 mg	QCM6.005	153 mg
Length	NMT 10.6 mm	QCM6.021	9.5 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Cholecalciferol	125 - 175 mcg	MDM3.369	150 mcg
Cholecalciferol (IU)	5000 - 7000 IU (Calculated)	MDM3.369	6000 IU

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0373
Ordered Item Lot # 3309800
Ordered Item Description VIT D-3 5000 IU 240 SGELS
Bulk Prod Code 50372C
Bulk Prod Lot # VS210566
Expiration Date 20-AUG-27
Manufacture Date 22-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 6.6 mg KOH/g	QCM6.011	0.9 mg KOH/g
Peroxide Value	NMT 20 mEq/kg	QCM3.040	9 mEq/kg

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 600 ppb	QCM3.016	6 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 600 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 600 ppb	QCM3.016	17 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 600 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow with a slight tint of green	QCM6.008	Conforms
Odor	Mild gelatin/oily odor to odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	279 - 312 mg	QCM6.021	262 mg
Disintegration - Water	0 - 60 min	QCM6.020	13 min
Fill Weight	153 - 166 mg	QCM6.005	149 mg
Length	NMT 10.6 mm	QCM6.021	9.7 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Cholecalciferol	125 - 175 mcg	MDM3.369	149 mcg
Cholecalciferol (IU)	5000 - 7000 IU (Calculated)	MDM3.369	5960 IU

Approved By / Date: Quality Approved / 09-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0375
Ordered Item Lot # 3312141
Ordered Item Description VIT D-3 1000 IU 360 SGELS
Bulk Prod Code 50365C
Bulk Prod Lot # 3245923
Expiration Date 13-SEP-27
Manufacture Date 14-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 6.6 mg KOH/g	QCM6.011	0.7 mg KOH/g
Peroxide Value	NMT 20 mEq/kg	QCM3.040	10 mEq/kg

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 652 ppb	QCM3.016	19 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 652 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 652 ppb	QCM3.016	18 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 652 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow with a slight tint of green, clear oval softgel	QCM6.008	Conforms
Odor	Mild gelatin/oily odor to odorless	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	253 - 279 mg	QCM6.021	263 mg
Disintegration - Water	0 - 60 min	QCM6.020	9 min
Fill Weight	153 - 161 mg	QCM6.005	158 mg
Length	NMT 10.5 mm	QCM6.021	Pass
Moisture	NMT 10.0%	SPK-OSG-025	6.5 %

Strength

Test	Specification	Method	Results
Cholecalciferol	25.0 - 40.0 mcg	MDM3.369	28.3 mcg
Cholecalciferol (IU)	1000.0 - 1600.0 IU (Calculated)	MDM3.369	1132.0 IU

Approved By / Date: Quality Approved / 08-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0376
Ordered Item Lot # 3310497
Ordered Item Description VIT D-3 10,000 IU 120 SGELS
Bulk Prod Code 50376
Bulk Prod Lot # GD00010443
Expiration Date 24-AUG-26
Manufacture Date 25-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 6.6 mg KOH/g	QCM6.011	0.8 mg KOH/g
Peroxide Value	NMT 20 mEq/kg	QCM3.040	10 mEq/kg

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 632 ppb	QCM3.016	8 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 632 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 632 ppb	QCM3.016	19 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 632 ppb	QCM3.016	14 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow with a slight tint of green, clear oval softgels	QCM6.008	Conforms
Odor	Mild gelatin/oily odor to odorless	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	223 - 257 mg	QCM6.021	240 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	153 - 166 mg	QCM6.005	158 mg
Length	NMT 10.5 mm	QCM6.021	9.5 mm

Strength

Test	Specification	Method	Results
Cholecalciferol	250 - 300 mcg	QCM3.055	296 mcg
Cholecalciferol (IU)	10,000 - 13,200 IU (Calculated)	QCM3.055	11840 IU

Approved By / Date: Quality Approved / 09-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0377
Ordered Item Lot # 3308121
Ordered Item Description VIT D-3 2000 IU 240 SGELS
Bulk Prod Code 50367C
Bulk Prod Lot # GD00012446
Expiration Date 09-AUG-27
Manufacture Date 11-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 6.6 mg KOH/g	QCM6.011	1.0 mg KOH/g
Peroxide Value	NMT 20 mEq/kg	QCM3.040	14 mEq/kg

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 632 ppb	QCM3.016	39 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 632 ppb	QCM3.016	0 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 632 ppb	QCM3.016	0 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 632 ppb	QCM3.016	18 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow with a slight tint of green, clear oval softgels	QCM6.008	Conforms
Odor	Mild gelatin/oily odor to odorless	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	190 - 257 mg	QCM6.021	233 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	153 - 166 mg	QCM6.005	157 mg
Length	NMT 10.5 mm	QCM6.021	9.3 mm

Strength

Test	Specification	Method	Results
Cholecalciferol	50.0 - 75.0 mcg	MDM3.369	60.6 mcg
Cholecalciferol (IU)	2000.0 - 3000.0 IU (Calculated)	MDM3.369	2424.0 IU

Approved By / Date: Quality Approved / 18-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0385
Ordered Item Lot # 3306174
Ordered Item Description VIT D-3 10,000 IU 240 SGELS
Bulk Prod Code 50376
Bulk Prod Lot # GD00010443
Expiration Date 24-AUG-26
Manufacture Date 25-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 6.6 mg KOH/g	QCM6.011	0.8 mg KOH/g
Peroxide Value	NMT 20 mEq/kg	QCM3.040	10 mEq/kg

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 632 ppb	QCM3.016	8 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 632 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 632 ppb	QCM3.016	19 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 632 ppb	QCM3.016	14 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow with a slight tint of green, clear oval softgels	QCM6.008	Conforms
Odor	Mild gelatin/oily odor to odorless	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	223 - 257 mg	QCM6.021	240 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	153 - 166 mg	QCM6.005	158 mg
Length	NMT 10.5 mm	QCM6.021	9.5 mm

Strength

Test	Specification	Method	Results
Cholecalciferol	250 - 300 mcg	QCM3.055	296 mcg
Cholecalciferol (IU)	10,000 - 13,200 IU (Calculated)	QCM3.055	11840 IU

Approved By / Date: Quality Approved / 11-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0420
Ordered Item Lot # 3318194
Ordered Item Description B50 VCAPS 100 VCAPS
Bulk Prod Code 50420C
Bulk Prod Lot # W0033584
Expiration Date 07-JAN-26
Manufacture Date 09-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 379 ppb	QCM3.016	48 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 194 ppb	QCM3.016	9 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 194 ppb	QCM3.016	62 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 194 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10 g	QCMB010	Negative/10g
Salmonella	Negative/25 g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Biotin RT ID	Passes RT ID	MDM3.389	Pass RT ID
Choline RTID	Passes RT ID	QCM3.265	Pass RT ID
Color/Appearance	Yellowish orange	QCM6.008	Conforms
Cyanocobalamin RT ID	Passes RT ID	MDM3.389	Pass RT ID
Folic Acid RTID	Passes RT ID	MDM3.390	Pass RT ID
Inositol RTID	Passes RT ID	QCM3.249	Pass RT ID
Niacin RTID	Passes RT ID	QCM3.177	Pass RT ID
Odor	Vitamin like odor with slight characteristic thiazole (sulfur-like) odor/rotten egg odor	QCM6.008	Conforms
Pantothenic Acid RT ID	Passes RT ID	QCM3.177	Pass RT ID
Pyridoxine RTID	Passes RT ID	QCM3.177	Pass RT ID
PABA RTID	Passes RT ID	QCM3.177	Pass RT ID
Riboflavin RTID	Passes RT ID	QCM3.177	Pass RT ID
Thiamin RTID	Passes RT ID	QCM3.177	Pass RT ID



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	605 - 636 mg	QCM6.021	618 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	509 - 540 mg	QCM6.005	532 mg
Length	NMT 22.0 mm	QCM6.021	21.5 mm

Strength

Test	Specification	Method	Results
Biotin	50 - 75 mcg	MDM3.389	63 mcg
Choline	25 - 30 mg	QCM3.265	25 mg
Cyanocobalamin	50 - 90 mcg	MDM3.389	81 mcg
Folic Acid	400 - 600 mcg	MDM3.390	535 mcg
Inositol	25 - 30 mg	QCM3.249	29 mg
Niacin	50 - 65 mg	QCM3.177	57 mg
Pantothenic Acid	50 - 70 mg	QCM3.177	67 mg
Pyridoxine	50 - 70 mg	QCM3.177	64 mg
PABA	25 - 30 mg	QCM3.177	30 mg
Riboflavin	50 - 65 mg	QCM3.177	63 mg
Thiamin	50 - 70 mg	QCM3.177	62 mg

Approved By / Date: Quality Approved / 10-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0436
Ordered Item Lot # 3316950
Ordered Item Description B-100 CAPS 100 VCAPS
Bulk Prod Code 50437D
Bulk Prod Lot # W0033585
Expiration Date 31-DEC-25
Manufacture Date 03-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 646 ppb	QCM3.016	98 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 646 ppb	QCM3.016	12 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 646 ppb	QCM3.016	101 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 390 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Biotin RT ID	Passes RT ID	MDM3.389	Pass RT ID
Choline RTID	Passes RT ID	QCM3.265	Pass RT ID
Color/Appearance	Bright yellow to orange yellow (may contain orange to reddish speckles)	QCM6.008	Conforms
Cyanocobalamin RT ID	Passes RT ID	MDM3.389	Pass RT ID
Folic Acid RTID	Passes RT ID	MDM3.390	Pass RT ID
Inositol RTID	Passes RT ID	QCM3.249	Pass RT ID
Niacin RTID	Passes RT ID	QCM3.177	Pass RT ID
Odor	Vitamin like odor with slight characteristic thiazole (sulfur-like) odor - rotten egg odor	QCM6.008	Conforms
Pantothenic Acid RT ID	Passes RT ID	QCM3.177	Pass RT ID



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
Pyridoxine RTID	Passes RT ID	QCM3.177	Pass RT ID
PABA RTID	Passes RT ID	QCM3.177	Pass RT ID
Riboflavin RTID	Passes RT ID	QCM3.177	Pass RT ID
Thiamin RTID	Passes RT ID	QCM3.177	Pass RT ID

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	860 - 903 mg	QCM6.021	875 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	738 - 781 mg	QCM6.005	750 mg
Length	NMT 23.6 mm	QCM6.021	23.0 mm

Strength

Test	Specification	Method	Results
Biotin	100 - 130 mcg	MDM3.389	120 mcg
Choline	10 - 12 mg	QCM3.265	11 mg
Cyanocobalamin	100 - 160 mcg	MDM3.389	138 mcg
Folic Acid	400 - 500 mcg	MDM3.390	464 mcg
Inositol	10 - 12 mg	QCM3.249	12 mg
Niacin	100 - 120 mg	QCM3.177	120 mg
Pantothenic Acid	100 - 125 mg	QCM3.177	116 mg
Pyridoxine	100 - 120 mg	QCM3.177	119 mg
PABA	10 - 12 mg	QCM3.177	11 mg
Riboflavin	100 - 130 mg	QCM3.177	101 mg
Thiamin	100 - 130 mg	QCM3.177	122 mg

Approved By / Date: Quality Approved / 03-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0461
Ordered Item Lot # 3302841
Ordered Item Description P-5-P 50mg 90 VCAPS
Bulk Prod Code 50461
Bulk Prod Lot # 3301422
Expiration Date 05-JUL-25
Manufacture Date 06-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 394 ppb	QCM3.016	90 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 201 ppb	QCM3.016	14 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 201 ppb	QCM3.016	70 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 201 ppb	QCM3.016	13 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Creamish off-white to pale yellow; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	586 - 616 mg	QCM6.021	600 mg
Disintegration - Water	0 - 60 min	QCM6.020	10 min
Fill Weight	490 - 520 mg	QCM6.005	504 mg
Length	NMT 22.0mm	QCM6.021	21.3 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Magnesium	25 - 30 mg	QCM3.263	27 mg
Pyridoxal-5 phosphate Monohydrate	51.7 - 65.8 mg	QCM3.177	60.8 mg
Pyridoxine (from P5P Monohydrate)	33 - 42 mg	QCM3.177	39 mg

Approved By / Date: Quality Approved / 14-JUL-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0469
Ordered Item Lot # 3309445
Ordered Item Description BIOTIN 1000mcg 100 VCAPS
Bulk Prod Code 50469B
Bulk Prod Lot # 3297747
Expiration Date 18-AUG-26
Manufacture Date 19-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 282 ppb	QCM3.016	177 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 282 ppb	QCM3.016	37 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 282 ppb	QCM3.016	32 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 282 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless to very faint grainy odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	426-448 mg	QCM6.021	439 mg
Disintegration - Water	0-60 min	QCM6.020	2 min
Fill Weight	350-372 mg	QCM6.005	366 mg
Length	NMT 19.7mm	QCM6.021	18.7 mm

Strength

Test	Specification	Method	Results
Biotin	1000 - 1250 mcg	QCM1.062	1235 mcg

Approved By / Date: Quality Approved / 28-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0470
Ordered Item Lot # 3317481
Ordered Item Description CHOLINE & INOSITOL 250/250mg 100 VCAPS
Bulk Prod Code 50470C
Bulk Prod Lot # 3313900SK
Expiration Date 03-OCT-27
Manufacture Date 05-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 98 ppb	QCM3.016	16 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 98 ppb	QCM3.016	0 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 98 ppb	QCM3.016	12 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 98 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Odorless to fishy odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1092 - 1147 mg	QCM6.021	1105 mg
Disintegration - Water	0 - 60 min	QCM6.020	9 min
Fill Weight	962 - 1017 mg	QCM6.005	973 mg
Length	NMT 25.6mm	QCM6.021	24.9 mm

Strength

Test	Specification	Method	Results
Choline	250 - 315 mg	QCM3.265	267 mg
Inositol	250 - 360 mg	QCM3.249	292 mg

Approved By / Date: Quality Approved / 07-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0471
Ordered Item Lot # 3302980
Ordered Item Description BIOTIN 5000mcg 60 VCAPS
Bulk Prod Code 50471B
Bulk Prod Lot # 3300639SK
Expiration Date 05-JUL-26
Manufacture Date 07-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 402 ppb	QCM3.016	164 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 206 ppb	QCM3.016	30 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 206 ppb	QCM3.016	30 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 206 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	576 - 605 mg	QCM6.021	590 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	480 - 509 mg	QCM6.005	501 mg
Length	NMT 22.0mm	QCM6.021	21.4 mm

Strength

Test	Specification	Method	Results
Biotin	5.0 - 6.5 mg	QCM1.062	6.0 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0474
Ordered Item Lot # 3312669
Ordered Item Description BIOTIN 5000mcg 120 VCAPS
Bulk Prod Code 50471B
Bulk Prod Lot # 3302574SK
Expiration Date 07-SEP-26
Manufacture Date 11-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 402 ppb	QCM3.016	140 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 206 ppb	QCM3.016	56 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 206 ppb	QCM3.016	40 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 206 ppb	QCM3.016	14 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	576 - 605 mg	QCM6.021	586 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	480 - 509 mg	QCM6.005	493 mg
Length	NMT 22.0mm	QCM6.021	21.5 mm

Strength

Test	Specification	Method	Results
Biotin	5.0 - 6.5 mg	QCM1.062	5.9 mg

Approved By / Date: Quality Approved / 16-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0475
Ordered Item Lot # 3312831
Ordered Item Description INOSITOL 500mg 100 VCAPS
Bulk Prod Code 50474C
Bulk Prod Lot # 3308305
Expiration Date 08-SEP-27
Manufacture Date 09-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 146 ppb	QCM3.016	71 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 146 ppb	QCM3.016	6 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 146 ppb	QCM3.016	45 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 146 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	787 - 827 mg	QCM6.021	817 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	680 - 719 mg	QCM6.005	716 mg
Length	NMT 23.8 mm	QCM6.021	22.7 mm

Strength

Test	Specification	Method	Results
Inositol	500 - 600 mg	QCM3.249	577 mg

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0478
Ordered Item Lot # 3314751
Ordered Item Description NIACINAMIDE 500mg 100 VCAPS
Bulk Prod Code 50478B
Bulk Prod Lot # 3313551
Expiration Date 19-SEP-27
Manufacture Date 20-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 180 ppb	QCM3.016	23 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 180 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 180 ppb	QCM3.016	30 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 180 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	657 - 690 mg	QCM6.021	665 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	550 - 583 mg	QCM6.005	559 mg
Length	NMT 23.8 mm	QCM6.021	22.2 mm

Strength

Test	Specification	Method	Results
Niacinamide	500 - 600 mg	QCM3.177	532 mg

Approved By / Date: Quality Approved / 05-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0479
Ordered Item Lot # 3304417
Ordered Item Description BIOTIN 10MG (10,000mcg) 120 VCAPS
Bulk Prod Code 50468
Bulk Prod Lot # 3300762
Expiration Date 17-JUL-26
Manufacture Date 18-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 402 ppb	QCM3.016	193 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 206 ppb	QCM3.016	27 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 206 ppb	QCM3.016	28 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 206 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	576 - 605 mg	QCM6.021	592 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	480 - 509 mg	QCM6.005	500 mg
Length	NMT 22.0 mm	QCM6.021	21.2 mm

Strength

Test	Specification	Method	Results
Biotin	10 - 14 mg	QCM1.062	12 mg

Approved By / Date: Quality Approved / 14-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0481
Ordered Item Lot # 3307900
Ordered Item Description NIACIN 500mg 100 VCAPS
Bulk Prod Code 50481B
Bulk Prod Lot # 3290556
Expiration Date 08-AUG-26
Manufacture Date 10-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 163 ppb	QCM3.016	9 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 163 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 319 ppb	QCM3.016	45 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 163 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
Nicotinic Acid (Niacin) RT ID	Passes RT ID	QCM3.177	Pass RT ID

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	679 - 748 mg	QCM6.021	684 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	573 - 641 mg	QCM6.005	588 mg
Length	NMT 24.4 mm	QCM6.021	22.5 mm

Strength

Test	Specification	Method	Results
Nicotinic Acid	500 - 600 mg	QCM3.177	559 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0486
Ordered Item Lot # 3316498
Ordered Item Description PANTOTHENIC ACID 500mg 100 VCAPS
Bulk Prod Code 50486D
Bulk Prod Lot # 3305422
Expiration Date 28-SEP-26
Manufacture Date 29-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 150 ppb	QCM3.016	115 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 294 ppb	QCM3.016	6 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 294 ppb	QCM3.016	84 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 150 ppb	QCM3.016	12 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	765 - 804 mg	QCM6.021	784 mg
Disintegration - Water	0 - 60 min	QCM6.020	7 min
Fill Weight	658 - 697 mg	QCM6.005	673 mg
Length	NMT 23.8 mm	QCM6.021	23.1 mm

Strength

Test	Specification	Method	Results
Calcium	45 - 54 mg	QCM3.263	53 mg
Pantothenic Acid	500 - 600 mg	QCM3.177	565 mg

Approved By / Date: Quality Approved / 30-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0496
Ordered Item Lot # 3308635
Ordered Item Description METHYL B-12 5000mcg 60 LOZ
Bulk Prod Code 50496D
Bulk Prod Lot # 3305793
Expiration Date 13-AUG-26
Manufacture Date 15-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 426 ppb	QCM3.016	326 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 426 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 426 ppb	QCM3.016	36 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 426 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Staph. aureus	Negative/10g	QCMB010	Negative/10g
Total Yeast and Molds	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light red to pink with white speckles	QCM6.008	Conforms
Odor	Slight cherry odor	QCM6.008	Conforms
Taste/Mouth feel	Sweet and slight sour, cherry flavor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	234 - 246 mg	QCM6.021	236 mg
Friability	NMT 3.0%	QCM6.017	0.2 %
Hardness	2 - 8 kp	QCM6.016	6 kp
Tablet Thickness	4.10 - 4.60 mm	QCM6.021	4.35 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Methylcobalamin	5000 - 8000 mcg	MDM4.003	7261 mcg
(6S)-5-MTHF	400 - 525 mcg	MDM3.250	514 mcg
(6S)-5-MTHF (DFE)	680 - 893 mcg DFE (Calculated)	MDM3.250	874 mcg DFE

Approved By / Date: Quality Approved / 16-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0498
Ordered Item Lot # 3299677
Ordered Item Description FLUSH FREE NIACIN 500mg 90 VCAPS
Bulk Prod Code 50498B
Bulk Prod Lot # 3298536
Expiration Date 08-JUN-26
Manufacture Date 12-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 133 ppb	QCM3.016	67 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 133 ppb	QCM3.016	7 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 133 ppb	QCM3.016	23 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 133 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slightly off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	866 - 910 mg	QCM6.021	877 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	744 - 788 mg	QCM6.005	757 mg
Length	NMT 23.6 mm	QCM6.021	23.1 mm

Strength

Test	Specification	Method	Results
Inositol	135 - 162 mg	QCM4.008	142 mg
Inositol Hexanicotinate	640 - 768 mg	QCM4.008	640 mg
Niacin	500 - 645 mg	QCM4.008	583 mg

Approved By / Date: Quality Approved / 04-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0670
Ordered Item Lot # 3314165
Ordered Item Description C-500 RH 100 TABS
Bulk Prod Code 50670
Bulk Prod Lot # 3235277
Expiration Date 15-SEP-26
Manufacture Date 18-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 118 ppb	QCM3.016	11 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 118 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 195 ppb	QCM3.016	16 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 118 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Ascorbic Acid RT ID	Passes RT ID	QCM4.001	Pass RT ID
Color/Appearance	Light beige to beige with speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	818 - 859 mg	QCM6.021	831 mg
Disintegration - Water	0 - 60 min	QCM6.020	30 min
Friability	NMT 0.5%	QCM6.017	0.0 %
Hardness	7 - 15 kp	QCM6.016	Pass
Tablet Thickness	5.89 - 6.40 mm	QCM6.021	6.04 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Ascorbic Acid	500 - 600 mg	QCM4.001	545 mg

Approved By / Date: Quality Approved / 05-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0676
Ordered Item Lot # 3306291
Ordered Item Description C-500 ASCORBATE 100 VCAPS
Bulk Prod Code 50676B
Bulk Prod Lot # 3303369
Expiration Date 29-JAN-26
Manufacture Date 31-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 133 ppb	QCM3.016	31 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 133 ppb	QCM3.016	0 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 133 ppb	QCM3.016	10 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 133 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white to cream to light beige with speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	828 - 870 mg	QCM6.021	847 mg
Disintegration - Water	0 - 60 min	QCM6.020	16 min
Fill Weight	721 - 763 mg	QCM6.005	745 mg
Length	NMT 23.8 mm	QCM6.021	23.2 mm

Strength

Test	Specification	Method	Results
Ascorbic Acid	500 - 600 mg	QCM4.001	558 mg
Calcium	55 - 67 mg	QCM3.263	63 mg

Approved By / Date: Quality Approved / 01-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0680
Ordered Item Lot # 3313260
Ordered Item Description C-1000 RH SR 100 TABS
Bulk Prod Code 50680
Bulk Prod Lot # 3229145
Expiration Date 11-SEP-27
Manufacture Date 13-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 176 ppb	QCM3.016	12 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 176 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 176 ppb	QCM3.016	20 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 176 ppb	QCM3.016	19 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Ascorbic Acid RT ID	Passes RT ID	QCM4.001	Pass RT ID
Color/Appearance	Off-white to light beige with dark speckles	QCM6.008	Conforms
Odor	Odorless to fruit-like odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1642 - 1724 mg	QCM6.021	1689 mg
Disintegration - Water	60 - 180 min	QCM6.020	138 min
Friability	NMT 0.5%	QCM6.017	0.0 %
Hardness	17 - 24 kp	QCM6.016	Pass
Tablet Thickness	7.28 - 8.46 mm	QCM6.021	8.17 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Ascorbic Acid	1000 - 1200 mg	QCM4.001	1078 mg

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0685
Ordered Item Lot # 3310605
Ordered Item Description C-1000 RH NO TR 100 TABS
Bulk Prod Code 50685
Bulk Prod Lot # 3297800SK
Expiration Date 24-AUG-26
Manufacture Date 25-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 310 ppb	QCM3.016	52 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 310 ppb	QCM3.016	0 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 310 ppb	QCM3.016	18 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 125 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Beige with speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1549 - 1627 mg	QCM6.021	1589 mg
Disintegration - Water	0 - 60 min	QCM6.020	12 min

Strength

Test	Specification	Method	Results
Ascorbic Acid	1000 - 1200 mg	QCM4.001	1116 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0687
Ordered Item Lot # 3314238
Ordered Item Description C-1000 RH NO TR 250 TABS
Bulk Prod Code 50685
Bulk Prod Lot # 3298441SK
Expiration Date 15-SEP-26
Manufacture Date 18-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 310 ppb	QCM3.016	40 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 310 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 310 ppb	QCM3.016	27 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 125 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Beige with speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1549 - 1627 mg	QCM6.021	1594 mg
Disintegration - Water	0 - 60 min	QCM6.020	15 min

Strength

Test	Specification	Method	Results
Ascorbic Acid	1000 - 1200 mg	QCM4.001	1112 mg

Approved By / Date: Quality Approved / 09-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0690
Ordered Item Lot # 3307149
Ordered Item Description C-1000 CAPS 100 VCAPS
Bulk Prod Code 50690B
Bulk Prod Lot # 3305740SK
Expiration Date 03-AUG-27
Manufacture Date 04-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 240 ppb	QCM3.016	42 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 240 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 397 ppb	QCM3.016	33 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 240 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light brown to tan	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1332 - 1399 mg	QCM6.021	1349 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	1202 - 1269 mg	QCM6.005	1215 mg
Length	NMT 25.6 mm	QCM6.021	25.2 mm

Strength

Test	Specification	Method	Results
Ascorbic Acid	1000 - 1200 mg	QCM4.001	1046 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0694
Ordered Item Lot # 3315529
Ordered Item Description C-1000 ZINC IMMUNE 90 VCAPS
Bulk Prod Code 5SU120
Bulk Prod Lot # 3312185
Expiration Date 24-SEP-26
Manufacture Date 25-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 83 ppb	QCM3.016	43 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 83 ppb	QCM3.016	33 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 239 ppb	QCM3.016	74 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 83 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli	Negative/10g	QCMB010	Negative / 10g
Salmonella	Negative/25g	QCMB010	Negative / 25g
S. Aureus	Negative/10g	QCMB010	Negative / 10g
Total Plate Count	< 10,000 cfu/g	QCMB010	< 10,000 cfu/g
Yeast and Mold	< 1,000 cfu/g	QCMB010	< 1000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slightly off-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1320 - 1386 mg	QCM6.021	1340 mg
Fill Weight	1190 - 1256 mg	QCM6.005	1206 mg
Length	NMT 25.6 mm	QCM6.021	25.2 mm

Strength

Test	Specification	Method	Results
Ascorbic Acid	1000 - 1200 mg	QCM4.001	1067 mg
Zinc	15 - 18 mg	QCM3.263	16 mg

Approved By / Date: Quality Approved / 30-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0735
Ordered Item Lot # 3318546
Ordered Item Description RUTIN 450 MG 100 VCAPS
Bulk Prod Code 50735B
Bulk Prod Lot # 3316976
Expiration Date 09-OCT-26
Manufacture Date 10-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 192 ppb	QCM3.016	24 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 98 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 192 ppb	QCM3.016	34 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 98 ppb	QCM3.016	17 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Beige to yellow to yellowish-green	QCM6.008	Conforms
Odor	Odorless to slight grassy odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	598 - 628 mg	QCM6.021	614 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	502 - 532 mg	QCM6.005	519 mg
Length	NMT 22.0 mm	QCM6.021	21.6 mm

Approved By / Date: Quality Approved / 11-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0880
Ordered Item Lot # 3316813
Ordered Item Description E-200 MIXED TOC 100 SGELS
Bulk Prod Code 59907B
Bulk Prod Lot # 3310834
Expiration Date 29-SEP-27
Manufacture Date 30-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 156 ppb	QCM3.016	30 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 156 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 156 ppb	QCM3.016	35 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 156 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light amber	QCM6.008	Conforms
Odor	Mild odor to odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	470 - 518 mg	QCM6.021	489 mg
Disintegration - Water	0 - 60 min	QCM6.020	10 min
Fill Weight	320 - 336 mg	QCM6.005	327 mg
Length	NMT 13.5 mm	QCM6.021	13.0 mm
Moisture	NMT 10.0%	SPK-OSG-025	7.7 %



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
TotalMixedTocopherols(alpha,gamma,delta)	134 - 161 mg	QCM1.008	154 mg

Approved By / Date: Quality Approved / 06-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0892
Ordered Item Lot # 3309583
Ordered Item Description E-400 MIXED TOC 100 SGELS
Bulk Prod Code 59900B
Bulk Prod Lot # 3296490
Expiration Date 18-AUG-27
Manufacture Date 19-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 238 ppb	QCM3.016	25 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 238 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 691 ppb	QCM3.016	23 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 238 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light amber	QCM6.008	Conforms
Odor	Mild odor to odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	590 - 649 mg	QCM6.021	635 mg
Disintegration - Water	0 - 60 min	QCM6.020	9 min
Fill Weight	420 - 441 mg	QCM6.005	Pass
Length	NMT 15.0 mm	QCM6.021	14.6 mm
Moisture	NMT 10.0%	SPK-OSG-025	8.8 %



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
TtIMxTocopherols(a,b,d,g)0 mg	268 - 323 mg	QCM3.121	296 mg
TtIMxTocopherols(a,b,d,g)0 IU	400 - 480 IU (Calculated)	QCM3.121	442 IU

Approved By / Date: Quality Approved / 22-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0990
Ordered Item Lot # 3310626
Ordered Item Description VITAMIN K-2 100mcg 100 VCAPS
Bulk Prod Code 50990B
Bulk Prod Lot # 3308472
Expiration Date 24-AUG-26
Manufacture Date 28-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 702 ppb	QCM3.016	115 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 359 ppb	QCM3.016	151 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 702 ppb	QCM3.016	182 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 359 ppb	QCM3.016	20 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Grayish-green to green to greenish-brown with no to few speckles	QCM6.008	Conforms
Odor	Odorless to slight grassy odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	350 - 368 mg	QCM6.021	365 mg
Disintegration - Water	0 - 60 min	QCM6.020	2 min
Fill Weight	274 - 292 mg	QCM6.005	286 mg
Length	NMT 19.7 mm	QCM6.021	18.9 mm

Strength

Test	Specification	Method	Results
Vitamin K-2 (Menaquinone)	100 - 130 mcg	MDM3.369	113 mcg

Approved By / Date: Quality Approved / 22-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 0992
Ordered Item Lot # 3312705
Ordered Item Description VITAMIN K-2 (MK7) 100 mcg 60 VCAPS
Bulk Prod Code 50992C
Bulk Prod Lot # 3308057
Expiration Date 08-SEP-25
Manufacture Date 09-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 282 ppb	QCM3.016	201 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 282 ppb	QCM3.016	31 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 282 ppb	QCM3.016	167 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 282 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Off-white to slight creamish-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless to faint flour odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	426 - 448 mg	QCM6.021	444 mg
Disintegration - Water	0 - 60 min	QCM6.020	2 min
Fill Weight	350 - 372 mg	QCM6.005	369 mg
Length	NMT 19.7 mm	QCM6.021	19.0 mm

Strength

Test	Specification	Method	Results
Vitamin K-2 (Menaquinone) (MK-7)	100 - 130 mcg	MDM3.369	113 mcg

Approved By / Date: Quality Approved / 14-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1273
Ordered Item Lot # 3312320
Ordered Item Description CORAL CALCIUM 1000MG 100 VCAPS
Bulk Prod Code 51273
Bulk Prod Lot # 3308577
Expiration Date 08-SEP-28
Manufacture Date 08-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 802 ppb	QCM3.016	174 ppb
Arsenic µg/day	0.0 - 1.8 µg/day	QCM3.016	0.4 µg/day
Cadmium	0 - 802 ppb	QCM3.016	401 ppb
Cadmium µg/day	0.0 - 1.8 µg/day	QCM3.016	0.9 µg/day
Lead	0 - 224 ppb	QCM3.016	204 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.4 µg/day
Mercury	0 -135 ppb	QCM3.016	25 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1194 - 1254 mg	QCM6.021	1252 mg
Disintegration - Water	0 - 60 min	QCM6.020	7 min
Fill Weight	1064 -1124 mg	QCM6.005	1101 mg
Length	NMT 25.6 mm	QCM6.021	24.8 mm

Strength

Test	Specification	Method	Results
Calcium	350 - 450 mg	QCM3.263	409 mg

Approved By / Date: Quality Approved / 08-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1283
Ordered Item Lot # 3312476
Ordered Item Description MAGNESIUM 400mg 180 VCAPS
Bulk Prod Code 51283B
Bulk Prod Lot # 2306023
Expiration Date 05-SEP-28
Manufacture Date 08-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 2600 ppb	QCM3.016	977 ppb
Arsenic µg/day	0.0 - 3.0 µg/day	QCM3.016	1.1 µg/day
Cadmium	0 - 520 ppb	QCM3.016	172 ppb
Cadmium µg/day	0.0 - 0.6 µg/day	QCM3.016	0.2 µg/day
Lead	0 - 434 ppb	QCM3.016	315 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 260 ppb	QCM3.016	28 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1210 - 1271 mg	QCM6.021	1217 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	1092 - 1153 mg	QCM6.005	1097 mg
Length	NMT 23.6 mm	QCM6.021	22.9 mm

Strength

Test	Specification	Method	Results
Magnesium	400 - 500 mg	QCM3.263	455 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1289
Ordered Item Lot # 3315236
Ordered Item Description MAGNESIUM GLYCINATE 180 TABS
Bulk Prod Code 51289B
Bulk Prod Lot # 3313801SK
Expiration Date 21-SEP-26
Manufacture Date 22-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 414 ppb	QCM3.016	204 ppb
Arsenic µg/day	0.0 - 2.0 µg/day	QCM3.016	1.0 µg/day
Cadmium	0 - 103 ppb	QCM3.016	31 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 103 ppb	QCM3.016	94 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.4 µg/day
Mercury	0 - 62 ppb	QCM3.016	18 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white coated tablets	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1151 - 1209 mg	QCM6.021	1191 mg
Disintegration - Water	0 - 60 min	QCM6.020	51 min

Strength

Test	Specification	Method	Results
Magnesium	100 - 120 mg	QCM3.263	113 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1295
Ordered Item Lot # 3308308
Ordered Item Description MAGNESIUM CITRATE POWDER 8 OZ
Bulk Prod Code 51298
Bulk Prod Lot # 3300328
Expiration Date 09-AUG-28
Manufacture Date 14-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	136 ppb
Cadmium	NMT 820 ppb	QCM3.016	11 ppb
Lead	NMT 250 ppb	QCM3.016	67 ppb
Mercury	NMT 150 ppb	QCM3.016	18 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Citrate ID	Positive for Citrate	QCM3.153	Positive for Citrate
Color/Appearance	White fine granular free-flowing powder	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
pH@25°C	5.0 - 9.0 [as per USP for 5% suspension]	QCM6.015	7.4
Density - Bulk	0.58 - 0.80 g/mL	QCM6.013	0.71 g/mL
Density - Tapped	0.70 - 0.88 g/mL	QCM6.013	0.80 g/mL
Loss on Drying (16 hours at 135 C)	NMT 2.0% at 135oC for 16 hours, per USP	QCM6.009	1.2 %
Mesh Thru #20	NLT 90%	QCM6.024	98 %

Strength

Test	Specification	Method	Results
Magnesium	15.0 - 16.4% As is	QCM3.263	15.9 % As Is

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1297
Ordered Item Lot # 3314338
Ordered Item Description MAGNESIUM CITRATE 134mg 90 SGELS
Bulk Prod Code 51297
Bulk Prod Lot # VS230660
Expiration Date 17-SEP-27
Manufacture Date 18-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 405 ppb	QCM3.016	151 ppb
Arsenic µg/day	0.0 - 2.0 µg/day	QCM3.016	0.7 µg/day
Cadmium	0 - 102 ppb	QCM3.016	30 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 102 ppb	QCM3.016	85 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.4 µg/day
Mercury	0 - 61 ppb	QCM3.016	24 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow (with clear shell)	QCM6.008	Conforms
Odor	Odorless to no offensive odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	2020 - 2222 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	8 min
Fill Weight	1500 - 1650 mg	QCM6.005	Pass
Length	NMT 29.2 mm	QCM6.021	26.3 mm

Strength

Test	Specification	Method	Results
Magnesium	133.3 - 165.5 mg	QCM3.263	147.1 mg

Approved By / Date: Quality Approved / 09-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1320
Ordered Item Lot # 3315065
Ordered Item Description MAG/POTASSIUM ASPARTATE 120 VCAPS
Bulk Prod Code 51320E
Bulk Prod Lot # 3311888SK
Expiration Date 20-SEP-27
Manufacture Date 22-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 468 ppb	QCM3.016	171 ppb
Arsenic µg/day	0.0 - 2.0 µg/day	QCM3.016	0.7 µg/day
Cadmium	0 - 118 ppb	QCM3.016	15 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 118 ppb	QCM3.016	105 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.4 µg/day
Mercury	0 - 70 ppb	QCM3.016	10 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1140 - 1197 mg	QCM6.021	1158 mg
Disintegration - Water	0 - 60 min	QCM6.020	7 min
Fill Weight	1010 - 1067 mg	QCM6.005	1023 mg
Length	NMT 25.6mm	QCM6.021	24.9 mm

Strength

Test	Specification	Method	Results
Magnesium	125 - 160 mg	QCM3.263	144 mg
Potassium	49.5 - 65.0 mg	QCM3.263	57.6 mg
Taurine	50 - 65 mg	QCM3.132	57 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	1405
Ordered Item Lot #	303092
Bulk Prod Code	1405
Bulk Prod Lot #	303092
Bulk Prod Descr	COLLOIDAL MINERALS ORIGINAL 32 OZ
Expiration Date	01-JUN-25
Manufacture Date	02-AUG-23

Identification

Test	Specification	Method	Results
Color/Appearance	Clear colorless to light yellow or light amber	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
Odor	Aloe-like odor	QCM6.008	Conforms
Specific Gravity @ 25°C	1.002 - 1.011	QCM6.001	1.003
Taste/Mouth feel	Tangy, sour taste	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Net weight	946 - 988 g	QCM6.028	960 g

Contaminants/Micro

Test	Specification	Method	Results
TVC/TAC - Beginning	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
TVC/TAC - End	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
TVC/TAC - Middle	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 33 ppb	QCM3.016	19 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.6 µg/day
Cadmium	0 - 33 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 1.0 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 66 ppb	QCM3.016	22 ppb
Lead µg/day	0.0 - 2.0 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 10 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day

Approved By / Date: Quality Approved / 16-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	1407
Ordered Item Lot #	23104
Bulk Prod Code	1407
Bulk Prod Lot #	23104
Bulk Prod Descr	SILVER SOL 10 PPM LIQUID 4 FL. OZ.
Expiration Date	30-APR-26
Manufacture Date	30-MAR-23

Strength

Test	Specification	Method	Results
Silver	10 - 12 ppm	QCM3.016	11 ppm

Identification

Test	Specification	Method	Results
Color/Appearance	Natural clear colorless liquid, with no floaters or settlements and water-like consistency	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
Odor	Odorless	QCM6.008	Conforms
Specific Gravity @ 25°C	0.999 - 1.004	QCM6.001	1.000
Taste/Mouth feel	None	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Net weight	118 - 124 g	QCM6.028	124 g
pH@25°C	6.1 - 7.9 pH	QCM6.015	6.8

Contaminants/Micro

Test	Specification	Method	Results
TVC/TAC - Beginning	< 1.000 cfu/g	QCMB010	< 1,000 cfu/g
TVC/TAC - End	< 1.000 cfu/g	QCMB010	< 1,000 cfu/g
TVC/TAC - Middle	< 1.000 cfu/g	QCMB010	< 1,000 cfu/g

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 199 ppb	QCM3.016	14 ppb
Arsenic µg/day	0.0 - 3.0 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 20 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 33 ppb	QCM3.016	9 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 20 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Approved By / Date: Quality Approved / 27-APR-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1408
Ordered Item Lot # 23190
Bulk Prod Code 1408
Bulk Prod Lot # 23190
Bulk Prod Descr SILVER SOL 10 PPM LIQUID 8 FL. OZ.
Expiration Date 31-JUL-26
Manufacture Date 11-JUL-23

Strength

Test	Specification	Method	Results
Silver	10 - 12 ppm	QCM3.016	11 ppm

Identification

Test	Specification	Method	Results
Color/Appearance	Natural clear colorless liquid, with no floaters or settlements and water-like consistency	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
Odor	Odorless	QCM6.008	Conforms
Specific Gravity @ 25°C	0.999 - 1.004	QCM6.001	1.000
Taste/Mouth feel	None	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Net weight	237 - 249 g	QCM6.028	241 g
pH@25°C	6.1 - 7.9 pH	QCM6.015	6.7

Contaminants/Micro

Test	Specification	Method	Results
TVC/TAC - Beginning	<1,000 cfu/g	QCMB021	< 1,000 cfu/g
TVC/TAC - End	<1,000 cfu/g	QCMB021	< 1,000 cfu/g
TVC/TAC - Middle	<1,000 cfu/g	QCMB021	< 1,000 cfu/g

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 99 ppb	QCM3.016	35 ppb
Arsenic µg/day	0.0 - 1.5 µg/day	QCM3.016	0.5 µg/day
Cadmium	0 - 20 ppb	QCM3.016	0 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 33 ppb	QCM3.016	12 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 20 ppb	QCM3.016	2 ppb



CERTIFICATE OF ANALYSIS

Contaminants/Heavy Metals

Test	Specification	Method	Results
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Approved By / Date: Quality Approved / 09-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1410
Ordered Item Lot # 3313994
Ordered Item Description BORON 3mg 100 VCAPS
Bulk Prod Code 51410C
Bulk Prod Lot # 3305515
Expiration Date 18-SEP-28
Manufacture Date 20-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 500 ppb	QCM3.016	200 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 267 ppb	QCM3.016	14 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 267 ppb	QCM3.016	35 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 267 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Staph. aureus	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	446 - 468 mg	QCM6.021	459 mg
Disintegration - Water	0 - 60 min	QCM6.020	2 min
Fill Weight	370 - 393 mg	QCM6.005	381 mg
Length	NMT 19.7 mm	QCM6.021	19.1 mm

Strength

Test	Specification	Method	Results
Boron	3.0 - 3.6 mg	QCM3.263	3.1 mg

Approved By / Date: Quality Approved / 06-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1435
Ordered Item Lot # 3304522
Ordered Item Description GARCINIA 1000MG 120 TABS
Bulk Prod Code 51435B
Bulk Prod Lot # 3298467RKC1
Expiration Date 18-JUL-26
Manufacture Date 19-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 522 ppb	QCM3.016	318 ppb
Arsenic µg/day	0.0 - 2.0 µg/day	QCM3.016	1.3 µg/day
Cadmium	0 - 522 ppb	QCM3.016	102 ppb
Cadmium µg/day	0.0 - 2.0 µg/day	QCM3.016	0.4 µg/day
Lead	0 - 1303 ppb	QCM3.016	1240 ppb
Lead µg/day	0.0 - 5.0 µg/day	QCM3.016	4.9 µg/day
Mercury	0 - 79 ppb	QCM3.016	10 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light beige to light brown with light brown to brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1219 - 1280 mg	QCM6.021	Pass
Disintegration - Intestinal	0 - 60 min	QCM6.020	346 min

Strength

Test	Specification	Method	Results
Calcium Class II	180 - 210 mg	QCM3.263	Pass
Hydroxycitric Acid (HCA)	500 - 615 mg	QCM3.047	585 mg

Approved By / Date: Quality Approved / 20-JUL-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1443
Ordered Item Lot # 3316134
Ordered Item Description IRON 18MG FERROCHEL(R) 120 VCAPS
Bulk Prod Code 51443B
Bulk Prod Lot # 3313355
Expiration Date 26-SEP-27
Manufacture Date 27-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 264 ppb	QCM3.016	100 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 264 ppb	QCM3.016	21 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 264 ppb	QCM3.016	30 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 264 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light greenish-gray to grayish-brown with few white speckles	QCM6.008	Conforms
Odor	Herbal with slight metallic odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	450 - 473 mg	QCM6.021	463 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	374 - 397 mg	QCM6.005	386 mg
Length	NMT 19.7 mm	QCM6.021	18.7 mm

Strength

Test	Specification	Method	Results
Iron	18 - 22 mg	QCM3.263	20 mg

Approved By / Date: Quality Approved / 03-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1444
Ordered Item Lot # 3316240
Ordered Item Description IRON 36MG FERROCHEL(R) 90 VCAPS
Bulk Prod Code 51444
Bulk Prod Lot # 3314003SK
Expiration Date 27-SEP-26
Manufacture Date 28-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 516 ppb	QCM3.016	117 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 264 ppb	QCM3.016	15 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 264 ppb	QCM3.016	76 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 264 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Gray-green to light grayish-brown, with few white speckles	QCM6.008	Conforms
Odor	Characteristic slight metallic odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	450 - 473 mg	QCM6.021	457 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	374 -397 mg	QCM6.005	386 mg
Length	NMT 19.7 mm	QCM6.021	19.2 mm

Strength

Test	Specification	Method	Results
Iron	36 - 43 mg	QCM3.263	39 mg

Approved By / Date: Quality Approved / 06-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1446
Ordered Item Lot # 3317562
Ordered Item Description POTASSIUM CITRATE POWDER 12 OZ
Bulk Prod Code 51447
Bulk Prod Lot # 3307089
Expiration Date 04-OCT-26
Manufacture Date 06-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	150 ppb
Cadmium	NMT 820 ppb	QCM3.016	16 ppb
Lead	NMT 1000 ppb	QCM3.016	194 ppb
Mercury	NMT 400 ppb	QCM3.016	11 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Citrate ID	Positive for Citrate	QCM3.153	Positive for Citrate
Color/Appearance	White coarse free flowing powder	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	1.05 - 1.35 g/mL	QCM6.013	1.10 g/mL
Density - Tapped	1.13 - 1.38 g/mL	QCM6.013	1.23 g/mL
Mesh Thru #20	NLT 90%	QCM6.024	92 %
Moisture by mass balance	NMT 6.0%	QCM6.014	0.1 %

Strength

Test	Specification	Method	Results
Potassium	32 - 39% As is	QCM3.263	38 % As Is
Potassium Citrate	99.0 - 100.5% On dried basis	QCM3.063	99.2 % On Dry Basis

Approved By / Date: Quality Approved / 10-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1446
Ordered Item Lot # 3317562
Ordered Item Description POTASSIUM CITRATE POWDER 12 OZ
Bulk Prod Code 51447
Bulk Prod Lot # 3297804
Expiration Date 04-OCT-26
Manufacture Date 06-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	156 ppb
Cadmium	NMT 820 ppb	QCM3.016	11 ppb
Lead	NMT 1000 ppb	QCM3.016	128 ppb
Mercury	NMT 400 ppb	QCM3.016	19 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Citrate ID	Positive for Citrate	QCM3.153	Positive for Citrate
Color/Appearance	White coarse free flowing powder	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	1.05 - 1.35 g/mL	QCM6.013	1.10 g/mL
Density - Tapped	1.13 - 1.38 g/mL	QCM6.013	1.22 g/mL
Mesh Thru #20	NLT 90%	QCM6.024	90 %
Moisture by mass balance	NMT 6.0%	QCM6.014	0.1 %

Strength

Test	Specification	Method	Results
Potassium	32 - 39% As is	QCM3.263	36 % As Is
Potassium Citrate	99.0 - 100.5% On dried basis	QCM3.063	99.2 % On Dry Basis

Approved By / Date: Quality Approved / 10-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1446
Ordered Item Lot # 3317562
Ordered Item Description POTASSIUM CITRATE POWDER 12 OZ
Bulk Prod Code 51447
Bulk Prod Lot # 3307089
Expiration Date 04-OCT-26
Manufacture Date 06-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	150 ppb
Cadmium	NMT 820 ppb	QCM3.016	16 ppb
Lead	NMT 1000 ppb	QCM3.016	194 ppb
Mercury	NMT 400 ppb	QCM3.016	11 ppb

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Citrate ID	Positive for Citrate	QCM3.153	Positive for Citrate
Color/Appearance	White coarse free flowing powder	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	1.05 - 1.35 g/mL	QCM6.013	1.10 g/mL
Density - Tapped	1.13 - 1.38 g/mL	QCM6.013	1.23 g/mL
Mesh Thru #20	NLT 90%	QCM6.024	92 %
Moisture by mass balance	NMT 6.0%	QCM6.014	0.1 %

Strength

Test	Specification	Method	Results
Potassium	32 - 39% As is	QCM3.263	38 % As Is
Potassium Citrate	99.0 - 100.5% On dried basis	QCM3.063	99.2 % On Dry Basis

Approved By / Date: Quality Approved / 10-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1448
Ordered Item Lot # 3317786
Ordered Item Description POTASSIUM CITRATE CAPS 180 VCAPS
Bulk Prod Code 51448C
Bulk Prod Lot # 3315648SK
Expiration Date 05-OCT-27
Manufacture Date 06-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 213 ppb	QCM3.016	43 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 86 ppb	QCM3.016	6 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 213 ppb	QCM3.016	69 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 128 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Off-white to light cream	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	523 - 550 mg	QCM6.021	536 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	447 - 474 mg	QCM6.005	463 mg
Length	NMT 19.7 mm	QCM6.021	18.9 mm

Strength

Test	Specification	Method	Results
Potassium	99 - 119 mg	QCM3.263	112 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1486
Ordered Item Lot # 3317124
Ordered Item Description SELENIUM 200mcg 180 VCAPS
Bulk Prod Code 51485B
Bulk Prod Lot # 3308264
Expiration Date 01-OCT-28
Manufacture Date 03-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 718 ppb	QCM3.016	191 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 251 ppb	QCM3.016	37 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 251 ppb	QCM3.016	62 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 251 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Total Heavy Metals	0 - 10,000 ppb	QCM3.016	297 ppb

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white to cream; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Sulfur odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	470 - 494 mg	QCM6.021	486 mg
Disintegration - Water	0 - 60 min	QCM6.020	1 min
Fill Weight	394 - 418 mg	QCM6.005	409 mg
Length	NMT 19.7mm	QCM6.021	18.8 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Selenium	200 - 275 mcg	QCM3.263	240 mcg

Approved By / Date: Quality Approved / 10-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1520
Ordered Item Lot # 3311848
Ordered Item Description ZINC GLUCONATE 50mg 100 TABS
Bulk Prod Code 51520
Bulk Prod Lot # 3235155
Expiration Date 03-SEP-28
Manufacture Date 05-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 194 ppb	QCM3.016	19 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 936 ppb	QCM3.016	923 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.5 µg/day
Lead	0 - 936 ppb	QCM3.016	591 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 194 ppb	QCM3.016	19 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	513 - 539 mg	QCM6.021	521 mg
Disintegration - Water	0 - 60 min	QCM6.020	10 min
Friability	NMT 0.5%	QCM6.017	0.1 %
Hardness	10 - 20 kp	QCM6.016	Pass
Tablet Thickness	3.95 - 4.80 mm	QCM6.021	4.57 mm

Strength

Test	Specification	Method	Results
Zinc	50 - 60 mg	QCM3.263	55 mg

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1522
Ordered Item Lot # 3309037
Ordered Item Description ZINC GLUCONATE 50mg 250 TABS
Bulk Prod Code 51520
Bulk Prod Lot # 3235018
Expiration Date 14-AUG-28
Manufacture Date 17-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 194 ppb	QCM3.016	35 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 936 ppb	QCM3.016	873 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.5 µg/day
Lead	0 - 936 ppb	QCM3.016	526 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 194 ppb	QCM3.016	29 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	513 - 539 mg	QCM6.021	521 mg
Disintegration - Water	0 - 60 min	QCM6.020	16 min
Friability	NMT 0.5%	QCM6.017	0.1 %
Hardness	10 - 20 kp	QCM6.016	Pass
Tablet Thickness	3.95 - 4.80 mm	QCM6.021	4.56 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Zinc	50 - 60 mg	QCM3.263	57 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1550
Ordered Item Lot # 3308689
Ordered Item Description ZINC PICOLINATE 50mg 60 VCAPS
Bulk Prod Code 51550C
Bulk Prod Lot # 3305545
Expiration Date 13-AUG-28
Manufacture Date 15-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 612 ppb	QCM3.016	206 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 612 ppb	QCM3.016	35 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 612 ppb	QCM3.016	147 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 210 ppb	QCM3.016	19 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Mild rice flour aroma	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	546 - 574 mg	QCM6.021	564 mg
Disintegration - Water	0 - 60 min	QCM6.020	10 min
Fill Weight	470 - 498 mg	QCM6.005	486 mg
Length	NMT 19.7 mm	QCM6.021	18.6 mm

Strength

Test	Specification	Method	Results
Zinc	50 - 60 mg	QCM3.263	60 mg

Approved By / Date: Quality Approved / 01-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1552
Ordered Item Lot # 3311158
Ordered Item Description ZINC PICOLINATE 50mg 120 VCAPS
Bulk Prod Code 51550C
Bulk Prod Lot # 3307190
Expiration Date 28-AUG-28
Manufacture Date 30-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 612 ppb	QCM3.016	125 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 612 ppb	QCM3.016	38 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 612 ppb	QCM3.016	137 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 210 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Mild rice flour aroma	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	546 - 574 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	470 - 498 mg	QCM6.005	497 mg
Length	NMT 19.7 mm	QCM6.021	18.9 mm

Strength

Test	Specification	Method	Results
Zinc	50 - 60 mg	QCM3.263	53 mg

Approved By / Date: Quality Approved / 13-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1554
Ordered Item Lot # 3307680
Ordered Item Description ZINC GLYCINATE 30mg 120 SGELS
Bulk Prod Code 51554
Bulk Prod Lot # VS211414
Expiration Date 06-AUG-28
Manufacture Date 08-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Peroxide Value	NMT 10 mEq/kg	QCM3.040	4 mEq/kg

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 632 ppb	QCM3.016	32 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 632 ppb	QCM3.016	79 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 1053 ppb	QCM3.016	338 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 221 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Dark brown to carob brown color shell (with greenish-yellow to reddish-brown fill)	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
Odor	Faint oily aroma	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	606 - 667 mg	QCM6.021	653 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	431 - 475 mg	QCM6.005	438 mg
Length	NMT 14.9 mm	QCM6.021	14.6 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Zinc	30 - 36 mg	QCM3.263	34 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	1607
Ordered Item Lot #	3314710
Ordered Item Description	DHA 100mg CHEWABLE SGELS 60 SGELS
Bulk Prod Code	51607
Bulk Prod Lot #	3311311
Expiration Date	19-SEP-26
Manufacture Date	20-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 3.0 mg KOH/g	QCM6.011	0.2 mg KOH/g

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 110 ppb	QCM3.016	12 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 110 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 110 ppb	QCM3.016	13 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 110 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Orange-brown to amber-brown to pale to dark yellow color (with partial solidification) fill in a clear soft-spongy fish-shaped softgel	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Slightly citrus odor	QCM6.008	Conforms
Taste/Mouth feel	Chewy shell with lemon (citrus) oily taste	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	951 - 1047 mg	QCM6.021	906 mg
Disintegration - Water	0 - 60 min	QCM6.020	2 min
Fill Weight	628 - 691 mg	QCM6.005	Pass
Length	NMT 23.0 mm	QCM6.021	21.8 mm

Strength

Test	Specification	Method	Results
DHA	100 - 120 mg	QCM1.007	107 mg
EPA	24 - 35 mg	QCM1.007	28 mg

Approved By / Date: Quality Approved / 25-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1648
Ordered Item Lot # 3313754
Ordered Item Description OMEGA-3 FO 1000mg 180/120 FISH GELATIN 200 SGLS
Bulk Prod Code 51648
Bulk Prod Lot # GD00020070
Expiration Date 13-SEP-26
Manufacture Date 14-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM6.011	0.5 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	1 AnV
Peroxide Value	NMT 5.0 mEq/kg	QCM3.040	2.6 mEq/kg
TOTox	NMT 26	QCM3.040	6

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 109 ppb	QCM3.016	33 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 109 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 109 ppb	QCM3.016	19 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 65 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Clear, golden yellow to golden orange	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to oily to slight fishy odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1401 - 1542 mg	QCM6.021	1416 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	1052 - 1158 mg	QCM6.005	1064 mg
Length	NMT 25.4 mm	QCM6.021	24.9 mm

Strength

Test	Specification	Method	Results
DHA	120 - 144 mg	QCM1.007	127 mg
EPA	180 - 216 mg	QCM1.007	192 mg

Approved By / Date: Quality Approved / 28-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1649
Ordered Item Lot # 3303649
Ordered Item Description OMEGA-3 1000mg 30 SGELS
Bulk Prod Code 51650C
Bulk Prod Lot # GD00023177
Expiration Date 11-JUL-26
Manufacture Date 12-JUL-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM6.011	0.4 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	1 AnV
Peroxide Value	NMT 5.0 mEq/kg	QCM3.040	4.4 mEq/kg
TOTox	NMT 26	QCM3.040	9

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 216 ppb	QCM3.016	40 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 109 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 109 ppb	QCM3.016	79 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 65 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Clear, golden yellow to golden orange	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to oily to slight fishy odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1382 - 1521 mg	QCM6.021	1417 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	1052 - 1158 mg	QCM6.005	1066 mg
Length	NMT 25.4 mm	QCM6.021	25.1 mm

Strength

Test	Specification	Method	Results
DHA	120 - 160 mg	QCM1.007	134 mg
EPA	180 - 250 mg	QCM1.007	201 mg

Approved By / Date: Quality Approved / 13-JUL-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1650
Ordered Item Lot # 3304011
Ordered Item Description OMEGA-3 1000mg 100 SGELS
Bulk Prod Code 51650C
Bulk Prod Lot # GD00023399
Expiration Date 13-JUL-26
Manufacture Date 14-JUL-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM6.011	0.4 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	3 AnV
Peroxide Value	NMT 5.0 mEq/kg	QCM3.040	0.7 mEq/kg
TOTox	NMT 26	QCM3.040	5

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 216 ppb	QCM3.016	25 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 109 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 109 ppb	QCM3.016	35 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 65 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Clear, golden yellow to golden orange	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to oily to slight fishy odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1382 - 1521 mg	QCM6.021	1415 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	1052 - 1158 mg	QCM6.005	1063 mg
Length	NMT 25.4 mm	QCM6.021	25.2 mm

Strength

Test	Specification	Method	Results
DHA	120 - 160 mg	QCM1.007	131 mg
EPA	180 - 250 mg	QCM1.007	199 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1652
Ordered Item Lot # 3307195
Ordered Item Description OMEGA-3 1000mg 200 SGELS
Bulk Prod Code 51650C
Bulk Prod Lot # GD00025952
Expiration Date 03-AUG-26
Manufacture Date 05-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM6.011	0.5 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	6 AnV
Peroxide Value	NMT 5.0 mEq/kg	QCM3.040	1.8 mEq/kg
TOTox	NMT 26	QCM3.040	10

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 216 ppb	QCM3.016	24 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 109 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 109 ppb	QCM3.016	44 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 65 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Clear, golden yellow to golden orange	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to oily to slight fishy odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1382 - 1521 mg	QCM6.021	1406 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	1052 - 1158 mg	QCM6.005	1067 mg
Length	NMT 25.4 mm	QCM6.021	25.2 mm

Strength

Test	Specification	Method	Results
DHA	120 - 160 mg	QCM1.007	129 mg
EPA	180 - 250 mg	QCM1.007	188 mg

Approved By / Date: Quality Approved / 16-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1653
Ordered Item Lot # 3304496
Ordered Item Description OMEGA-3 1000mg 500 SGELS
Bulk Prod Code 51650C
Bulk Prod Lot # GD00025860
Expiration Date 18-JUL-26
Manufacture Date 20-JUL-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM6.011	0.5 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	4 AnV
Peroxide Value	NMT 5.0 mEq/kg	QCM3.040	2.3 mEq/kg
TOTox	NMT 26	QCM3.040	8

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 216 ppb	QCM3.016	35 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 109 ppb	QCM3.016	5 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 109 ppb	QCM3.016	50 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 65 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Clear, golden yellow to golden orange	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to oily to slight fishy odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1382 - 1521 mg	QCM6.021	1443 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	1052 - 1158 mg	QCM6.005	1066 mg
Length	NMT 25.4 mm	QCM6.021	24.9 mm

Strength

Test	Specification	Method	Results
DHA	120 - 160 mg	QCM1.007	129 mg
EPA	180 - 250 mg	QCM1.007	190 mg

Approved By / Date: Quality Approved / 07-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1657
Ordered Item Lot # 3288291
Ordered Item Description OMEGA-3 ENTERIC 180 SGELS
Bulk Prod Code 51656C
Bulk Prod Lot # GD00020334
Expiration Date 16-MAR-26
Manufacture Date 18-MAR-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 3.0 mg KOH/g	QCM3.120	0.2 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	1 AnV
Peroxide Value	NMT 5.0 mEq/kg	QCM3.040	2.9 mEq/kg
TOTox	NMT 26	QCM3.040	6

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 145 ppb	QCM3.016	35 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 145 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 145 ppb	QCM3.016	13 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 87 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Slight translucent shell with amber yellow oily fill	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to fish-like odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1448 - 1593 mg	QCM6.021	1488 mg
Disintegration - Gastric	No disintegration in 60 minutes	QCM6.020	61 min
Disintegration - Intestinal	0 - 60 min	QCM6.020	24 min
Fill Weight	1052 - 1158 mg	QCM6.005	1101 mg
Length	NMT 25.4 mm	QCM6.021	24.4 mm

Strength

Test	Specification	Method	Results
DHA	120 - 216 mg	QCM1.007	130 mg
EPA	180 - 324 mg	QCM1.007	205 mg

Approved By / Date: Quality Approved / 05-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1661
Ordered Item Lot # 3315993
Ordered Item Description ULTRA OMEGA 3 FISH OIL 90 SGELS
Bulk Prod Code 51660C
Bulk Prod Lot # GD00023804
Expiration Date 26-SEP-27
Manufacture Date 27-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM6.011	0.5 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	1 AnV
Peroxide Value	NMT 5.0 mEq/kg	QCM3.040	3.9 mEq/kg
TOTox	NMT 26	QCM3.040	11

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 206 ppb	QCM3.016	23 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 124 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 206 ppb	QCM3.016	17 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 124 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Slight translucent shell with amber yellow oily fill	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to fish-like odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1508 - 1659 mg	QCM6.021	1544 mg
Disintegration - Gastric	No disintegration in 60 minutes	QCM6.020	61 min
Disintegration - Intestinal	0 - 60 min	QCM6.020	20 min
Fill Weight	1110 - 1221 mg	QCM6.005	1126 mg
Length	NMT 25.0 mm	QCM6.021	25.0 mm

Strength

Test	Specification	Method	Results
DHA	250 - 325 mg	QCM1.007	287 mg
EPA	500 - 650 mg	QCM1.007	572 mg

Approved By / Date: Quality Approved / 06-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1662
Ordered Item Lot # 3312525
Ordered Item Description ULTRA OMEGA 3 FISH OIL 180 SGELS
Bulk Prod Code 51660C
Bulk Prod Lot # GD00023804
Expiration Date 26-SEP-27
Manufacture Date 27-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM6.011	0.5 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	1 AnV
Peroxide Value	NMT 5.0 mEq/kg	QCM3.040	3.9 mEq/kg
TOTox	NMT 26	QCM3.040	11

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 206 ppb	QCM3.016	23 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 124 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 206 ppb	QCM3.016	17 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 124 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Slight translucent shell with amber yellow oily fill	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to fish-like odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1508 - 1659 mg	QCM6.021	1544 mg
Disintegration - Gastric	No disintegration in 60 minutes	QCM6.020	61 min
Disintegration - Intestinal	0 - 60 min	QCM6.020	20 min
Fill Weight	1110 - 1221 mg	QCM6.005	1126 mg
Length	NMT 25.0 mm	QCM6.021	25.0 mm

Strength

Test	Specification	Method	Results
DHA	250 - 325 mg	QCM1.007	287 mg
EPA	500 - 650 mg	QCM1.007	572 mg

Approved By / Date: Quality Approved / 18-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1663
Ordered Item Lot # 3307889
Ordered Item Description ULTRA OMEGA 3-D SOFTGELS 90 FSG
Bulk Prod Code 51663D
Bulk Prod Lot # GD00022541
Expiration Date 08-AUG-26
Manufacture Date 10-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 140 ppb	QCM3.016	35 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 140 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 140 ppb	QCM3.016	10 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 140 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Slightly translucent shell with pale yellow oily fill	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Oily to faint citrus / fish odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1777 - 1955 mg	QCM6.021	1792 mg
Disintegration - Water	0 - 60 min	QCM6.020	7 min
Fill Weight	1326 - 1459 mg	QCM6.005	1339 mg
Length	NMT 28.5mm	QCM6.021	26.5 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Cholecalciferol	25.0 - 40.0 mcg	MDM4.057	33.1 mcg
Cholecalciferol (IU)	1000.0 - 1600.0 IU (Calculated)	MDM4.057	1324.0 IU
DHA	300 - 380 mg	QCM1.007	338 mg
EPA	600 - 720 mg	QCM1.007	666 mg

Approved By / Date: Quality Approved / 16-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1664
Ordered Item Lot # 3306262
Ordered Item Description ULTRA OMEGA 3-D SOFTGELS 180 FSG
Bulk Prod Code 51663D
Bulk Prod Lot # GD00020998
Expiration Date 28-JUL-26
Manufacture Date 31-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 140 ppb	QCM3.016	14 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 140 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 140 ppb	QCM3.016	7 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 140 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Slightly translucent shell with pale yellow oily fill	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Oily to faint citrus / fish odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1777 - 1955 mg	QCM6.021	1787 mg
Disintegration - Water	0 - 60 min	QCM6.020	7 min
Fill Weight	1326 - 1459 mg	QCM6.005	1334 mg
Length	NMT 28.5mm	QCM6.021	26.9 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Cholecalciferol	25.0 - 40.0 mcg	MDM4.057	30.5 mcg
Cholecalciferol (IU)	1000.0 - 1600.0 IU (Calculated)	MDM4.057	1220.0 IU
DHA	300 - 380 mg	QCM1.007	315 mg
EPA	600 - 720 mg	QCM1.007	625 mg

Approved By / Date: Quality Approved / 18-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	1682
Ordered Item Lot #	3315750
Ordered Item Description	Super Omega EPA 1200mg 360/240 120 SGELS
Bulk Prod Code	51680C
Bulk Prod Lot #	GD00022573
Expiration Date	25-SEP-26
Manufacture Date	26-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 4.0 mg KOH/g	QCM6.011	0.3 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	3 AnV
Peroxide Value	NMT 5.0 mEq/kg	QCM3.040	2.1 mEq/kg
TOTox	NMT 26 TOTOX	QCM3.040	7

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 208 ppb	QCM3.016	19 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 125 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 208 ppb	QCM3.016	23 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 125 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Transparent yellow shell with clear yellowish to amber yellow oily fill	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to slight fish-like odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1411 - 1553 mg	QCM6.021	1457 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	1101 - 1212 mg	QCM6.005	1110 mg
Length	NMT 26.3 mm	QCM6.021	25.1 mm

Strength

Test	Specification	Method	Results
DHA	240 - 288 mg	QCM1.007	277 mg
EPA	360 - 432 mg	QCM1.007	419 mg

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	1683
Ordered Item Lot #	3307782
Ordered Item Description	Super Omega EPA 1200mg 360/240 240 SGELS
Bulk Prod Code	51680C
Bulk Prod Lot #	GD00022573
Expiration Date	25-SEP-26
Manufacture Date	26-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 4.0 mg KOH/g	QCM6.011	0.3 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	3 AnV
Peroxide Value	NMT 5.0 mEq/kg	QCM3.040	2.1 mEq/kg
TOTox	NMT 26 TOTOX	QCM3.040	7

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 208 ppb	QCM3.016	19 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 125 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 208 ppb	QCM3.016	23 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 125 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Transparent yellow shell with clear yellowish to amber yellow oily fill	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to slight fish-like odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1411 - 1553 mg	QCM6.021	1457 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	1101 - 1212 mg	QCM6.005	1110 mg
Length	NMT 26.3 mm	QCM6.021	25.1 mm

Strength

Test	Specification	Method	Results
DHA	240 - 288 mg	QCM1.007	277 mg
EPA	360 - 432 mg	QCM1.007	419 mg

Approved By / Date: Quality Approved / 06-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1685
Ordered Item Lot # 3310830
Ordered Item Description OMEGA-3 MINI GELS 500 MG 180 SGELS
Bulk Prod Code 51684C
Bulk Prod Lot # GD00022592
Expiration Date 27-AUG-26
Manufacture Date 28-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 3.0 mg KOH/g	QCM6.011	0.5 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	5 AnV
Peroxide Value	NMT 5.0 mEq/kg	QCM3.040	3.2 mEq/kg
TOTox	NMT 26 TOTOX	QCM3.040	11

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 138 ppb	QCM3.016	20 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 138 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 138 ppb	QCM3.016	49 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 83 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Transparent yellow shell with yellowish to amber yellow amber fill	QCM6.008	Conforms
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to slight fish-like odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	741 - 816 mg	QCM6.021	746 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	551 - 607 mg	QCM6.005	561 mg
Length	NMT 16.2 mm	QCM6.021	15.4 mm

Strength

Test	Specification	Method	Results
DHA	120 - 144 mg	QCM1.007	135 mg
EPA	180 - 216 mg	QCM1.007	198 mg

Approved By / Date: Quality Approved / 29-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1686
Ordered Item Lot # 3314878
Ordered Item Description TRI-3D OMEGA 90 SGELS
Bulk Prod Code 51686C
Bulk Prod Lot # GD00019380
Expiration Date 19-SEP-26
Manufacture Date 21-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM3.120	0.5 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	2 AnV
Peroxide Value	NMT 10.0 mEq/kg	QCM3.040	0.2 mEq/kg
TOTox	NMT 26	QCM3.040	2

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 199 ppb	QCM3.016	23 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 120 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 199 ppb	QCM3.016	43 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 120 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Clear shell with amber to pale yellow oily fill	QCM6.008	Conforms
DHA Class II RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA Class II RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Odorless to oily to slight fish odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1562 - 1719 mg	QCM6.021	1564 mg
Disintegration - Water	0 - 60 min	QCM6.020	9 min
Fill Weight	1152 - 1268 mg	QCM6.005	1165 mg
Length	NMT 25.0mm	QCM6.021	24.9 mm

Strength

Test	Specification	Method	Results
Cholecalciferol	25 - 40 mcg	MDM4.057	36 mcg
Cholecalciferol (IU)	1000 - 1600 IU (Calculated)	MDM4.057	1440 IU
DHA Class II	220 - 280 mg	QCM1.007	241 mg
EPA Class II	330 - 400 mg	QCM1.007	377 mg

Approved By / Date: Quality Approved / 21-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1727
Ordered Item Lot # 3302032
Ordered Item Description CLA 800mg 90 SGELS
Bulk Prod Code 51727B
Bulk Prod Lot # 3295798
Expiration Date 27-JUN-26
Manufacture Date 28-JUN-23

Contaminants/Adulterants

Test	Specification	Method	Results
Desmethyisibutramine	None Detected (Annual Test)	COR-QCG-042	None Detected
Fluoxetine	None Detected (Annual Test)	COR-QCG-042	None Detected
Peroxide Value	NMT 10.0 mEq/kg	QCM3.040	1.7 mEq/kg
Phenolphthalein	None Detected (Annual Test)	COR-QCG-042	None Detected
Sibutramine	None Detected (Annual Test)	COR-QCG-042	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 130 ppb	QCM3.016	35 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 78 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 130 ppb	QCM3.016	13 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 78 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Dark amber	QCM6.008	Conforms
Conjugated Linoleic Acid Class II RT ID	Passes RT ID	MDM1.057	Pass RT ID
Odor	Mild, oily odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1613 - 1774 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	7 min
Fill Weight	1173 - 1290 mg	QCM6.005	Pass
Length	NMT 26.3 mm	QCM6.021	Pass
Moisture	NMT 10.0%	SPK-OSG-025	9.1 %

Strength

Test	Specification	Method	Results
Conjugated Linoleic Acid (CLA) Class II	800 - 960 mg	MDM1.057	869 mg
Non-GMO Safflower Oil (Seed)	1000 mg	By Input	1000 mg

Approved By / Date: Quality Approved / 08-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1755
Ordered Item Lot # 3311478
Ordered Item Description SUPER PRIMROSE 1300mg 60 SGELS
Bulk Prod Code 51755
Bulk Prod Lot # 3306816
Expiration Date 30-AUG-26
Manufacture Date 31-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 4.0 mg KOH/g	QCM6.011	0.6 mg KOH/g

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 170 ppb	QCM3.016	53 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 102 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 170 ppb	QCM3.016	36 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 102 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Yellow-light amber	QCM6.008	Conforms
Odor	Mild odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	2139 - 2353 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	8 min
Fill Weight	1412 - 1483 mg	QCM6.005	1448 mg
Length	NMT 28.0mm	QCM6.021	27.3 mm
Moisture	NMT 10.0%	SPK-OSG-025	8.9 %



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
GLA (Gamma Linolenic Acid) Class II	120 - 144 mg	MDM1.040	124 mg

Approved By / Date: Quality Approved / 08-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	1790
Ordered Item Lot #	3308130
Ordered Item Description	GARLIC OIL 1500mg 100 SGELS
Bulk Prod Code	51790
Bulk Prod Lot #	VS230123
Expiration Date	10-AUG-26
Manufacture Date	11-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 130 ppb	QCM3.016	7 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 130 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 130 ppb	QCM3.016	5 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 130 ppb	QCM3.016	1 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10 g	QCMB010	Negative/10g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow	QCM6.008	Conforms
Odor	Slight to mild garlic to garlic odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	366 - 412 mg	QCM6.021	412 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	252 - 268 mg	QCM6.005	268 mg
Length	NMT 12.7 mm	QCM6.021	12.4 mm

Approved By / Date: Quality Approved / 21-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1792
Ordered Item Lot # 3297478
Ordered Item Description GARLIC OIL 1500mg 250 SGELS
Bulk Prod Code 51790
Bulk Prod Lot # VS221145
Expiration Date 23-MAY-26
Manufacture Date 24-MAY-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 130 ppb	QCM3.016	12 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 130 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 130 ppb	QCM3.016	6 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 130 ppb	QCM3.016	1 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10 g	QCMB010	Negative/10g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow	QCM6.008	Conforms
Odor	Slight to mild garlic to garlic odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	366 - 412 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	8 min
Fill Weight	252 - 268 mg	QCM6.005	266 mg
Length	NMT 12.7 mm	QCM6.021	12.6 mm

Approved By / Date: Quality Approved / 21-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	1799
Ordered Item Lot #	3302380
Ordered Item Description	HEMP SEED OIL 1000MG 120 SGELS
Bulk Prod Code	51799
Bulk Prod Lot #	GD00025912
Expiration Date	29-JUN-25
Manufacture Date	03-JUL-23

Contaminants/Adulterants

Test	Specification	Method	Results
delta-9-Tetrahydrocannabinol	Not detected (at DL = 10 ppm)	MDM4.066	Not Detected ppm
Anisidine Value	0.0 - 10.0 AnV	QCM3.040	5.2 AnV
Peroxide Value	NMT 10.0 mEq/kg	QCM3.040	3.5 mEq/kg
TOTox	0.0 - 20.0 TOTox	QCM3.040	12.3 TOTOX

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 87 ppb	QCM3.016	23 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 30 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 87 ppb	QCM3.016	52 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 87 ppb	QCM3.016	1 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Light to dark brown fill in a clear softgel shell	QCM6.008	Conforms
Fatty Acid Profile ID	Matches reference	QCM4.016	Matches Reference
Odor	Odorless to typical oily odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1380 - 1518 mg	QCM6.021	1398 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	1040 - 1144 mg	QCM6.005	1041 mg
Length	NMT 26.0 mm	QCM6.021	24.9 mm

Approved By / Date: Quality Approved / 05-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	1807
Ordered Item Lot #	3309833
Ordered Item Description	ODORLESS GARLIC ORIG 100 SGELS
Bulk Prod Code	51807
Bulk Prod Lot #	VS230491
Expiration Date	21-AUG-26
Manufacture Date	22-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 210 ppb	QCM3.016	56 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 72 ppb	QCM3.016	18 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 210 ppb	QCM3.016	41 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 72 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Pale yellow (Dark particulates may be present)	QCM6.008	Conforms
Odor	Mild odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	520 - 572 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	9 min
Fill Weight	330 - 363 mg	QCM6.005	338 mg
Length	NMT 14.1 mm	QCM6.021	13.6 mm

Strength

Test	Specification	Method	Results
Alliin Odorless	None Detected	QCM2.019	None Detected

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1823
Ordered Item Lot # 3311952
Ordered Item Description POLICOSANOL 10MG 90 VCAPS
Bulk Prod Code 51823C
Bulk Prod Lot # 3295550
Expiration Date 04-SEP-26
Manufacture Date 05-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 305 ppb	QCM3.016	85 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 156 ppb	QCM3.016	33 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 305 ppb	QCM3.016	54 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 156 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Off-white to light tan; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	392 - 412 mg	QCM6.021	406 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	316 - 336 mg	QCM6.005	329 mg
Length	NMT 19.7 mm	QCM6.021	18.8 mm

Strength

Test	Specification	Method	Results
Total Policosanol	10 - 14 mg	QCM3.164	12 mg

Approved By / Date: Quality Approved / 21-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1839
Ordered Item Lot # 3316709
Ordered Item Description SUPER OMEGA 3-6-9 1200MG 90 SGELS
Bulk Prod Code 51839C
Bulk Prod Lot # GD00022630
Expiration Date 31-MAR-26
Manufacture Date 30-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM6.011	0.5 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	3 AnV
Peroxide Value	< 5.0 mEq/kg	QCM3.040	2.1 mEq/kg
TOTox	NMT 26	QCM3.040	7

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 180 ppb	QCM3.016	23 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 109 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 180 ppb	QCM3.016	46 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 109 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Amber to yellow to golden yellow	QCM6.008	Conforms
DHA Class II RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA Class II RT ID	Passes RT ID	QCM1.007	Pass RT ID
GLA (Gamma Linolenic Acid) Class II RTID	Passes RT ID	MDM1.040	Pass RT ID
Odor	Light to mild to moderate oily, fishy odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1710 - 1881 mg	QCM6.021	1689 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	1270 - 1397 mg	QCM6.005	1296 mg
Length	NMT 27.5 mm	QCM6.021	25.8 mm

Strength

Test	Specification	Method	Results
DHA Class II	39 - 47 mg	QCM1.007	45 mg
EPA Class II	63 - 76 mg	QCM1.007	65 mg
GLA (Gamma Linolenic Acid) Class II	80 - 96 mg	MDM1.040	84 mg
Omega 3 (Linoleic Acid) Class II	200 - 240 mg	COR-QCG-042	203 mg
Omega 6 (Linoleic Acid and GLA) Class II	269.5 - 323.4 mg	COR-QCG-042	298.6 mg
Omega 9 (Oleic Acid) Class II	112.5 - 185.0 mg	COR-QCG-042	178.4 mg

Approved By / Date: Quality Approved / 04-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1841
Ordered Item Lot # 3305126
Ordered Item Description SUPER OMEGA 3-6-9 1200MG 180 SGELS
Bulk Prod Code 51839C
Bulk Prod Lot # GD00021554
Expiration Date 20-JAN-26
Manufacture Date 24-JUL-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 2.0 mg KOH/g	QCM6.011	0.6 mg KOH/g
Anisidine Value	NMT 20 AnV	QCM3.040	2 AnV
Peroxide Value	< 5.0 mEq/kg	QCM3.040	2.5 mEq/kg
TOTox	NMT 26	QCM3.040	7

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 180 ppb	QCM3.016	29 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 109 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 180 ppb	QCM3.016	15 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 109 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative/25 g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Amber to yellow to golden yellow	QCM6.008	Conforms
DHA Class II RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA Class II RT ID	Passes RT ID	QCM1.007	Pass RT ID
GLA (Gamma Linolenic Acid) Class II RTID	Passes RT ID	MDM1.040	Pass RT ID
Odor	Light to mild to moderate oily, fishy odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1710 - 1881 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	1270 - 1397 mg	QCM6.005	1282 mg
Length	NMT 27.5 mm	QCM6.021	25.3 mm

Strength

Test	Specification	Method	Results
DHA Class II	39 - 47 mg	QCM1.007	41 mg
EPA Class II	63 - 76 mg	QCM1.007	65 mg
GLA (Gamma Linolenic Acid) Class II	80 - 96 mg	MDM1.040	82 mg
Omega 3 (Linoleic Acid) Class II	200 - 240 mg	COR-QCG-042	204 mg
Omega 6 (Linoleic Acid and GLA) Class II	269.5 - 323.4 mg	COR-QCG-042	291.6 mg
Omega 9 (Oleic Acid) Class II	112.5 - 185.0 mg	COR-QCG-042	180.7 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 1880
Ordered Item Lot # 3313965
Ordered Item Description WHEAT GERM OIL 16 OZ LIQUID
Bulk Prod Code 51880
Bulk Prod Lot # 3310287
Expiration Date 14-SEP-25
Manufacture Date 18-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 24.0 mg KOH/g	QCM6.011	19 mg KOH/g
Hexane	Not Detected	MDM4.070	Not Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	14 ppb
Cadmium	NMT 820 ppb	QCM3.016	6 ppb
Lead	NMT 1000 ppb	QCM3.016	19 ppb
Mercury	NMT 400 ppb	QCM3.016	5 ppb

Contaminants/Micro

Test	Specification	Method	Results
TVC/TAC	<1000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Amber	QCM6.008	Conforms
Fatty Acid Profile ID	Matches reference	QCM4.016	Matches Reference
Odor	Wheat or nut-like odor	QCM6.008	Conforms
Specific Gravity @ 25°C	0.915 - 0.930	QCM6.001	0.928
Taste/Mouth feel	Mild, slightly nutty, slightly buttery taste	QCM6.008	Conforms

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2025
Ordered Item Lot # 3318389
Ordered Item Description CHITOSAN PLUS 500mg 120 VCAPS
Bulk Prod Code 52025B
Bulk Prod Lot # 3315947
Expiration Date 08-OCT-27
Manufacture Date 10-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 155 ppb	QCM3.016	83 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 155 ppb	QCM3.016	12 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 307 ppb	QCM3.016	125 ppb
Lead µg/day	0.0 - 1.0 µg/day	QCM3.016	0.4 µg/day
Mercury	0 - 63 ppb	QCM3.016	10 ppb
Mercury µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Tan (may contain speckles)	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	631 - 663 mg	QCM6.021	646 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	509 - 541 mg	QCM6.005	519 mg
Length	NMT 23.6 mm	QCM6.021	22.3 mm

Strength

Test	Specification	Method	Results
Chitosan (LipoSan ULTRA [®])	500 mg	By Input	500 mg
Chromium	100 - 150 mcg	QCM3.263	116 mcg

Approved By / Date: Quality Approved / 11-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	2038
Ordered Item Lot #	3314397
Ordered Item Description	CREATINE MONOHYDRATE MICRONIZED 500 G
Bulk Prod Code	52038
Bulk Prod Lot #	3308421
Expiration Date	17-SEP-26
Manufacture Date	19-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Creatinine	NMT 200 ppm As is	MDM3.226	16 ppm As Is
Dicyandiamide	NMT 540 ppm As is	MDM3.226	22 ppm As Is
Doping Screen	None Detected	MDM4.074	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	14 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	16 ppb
Mercury	NMT 400 ppb	QCM3.016	3 ppb

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White to pale cream color	QCM6.008	Conforms
Creatine Monohydrate RT ID	Passes RT ID	MDM3.226	Pass RT ID
FTIR ID	Matches reference	QCM6.006	Matches Reference
Odor	Odorless	QCM6.008	Conforms
Taste/Mouth feel	Flavorless [Note: Dilute 4.2g in 6 oz. water]	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Density - Bulk	0.35 - 0.70 g/mL	QCM6.013	0.48 g/mL
Density - Tapped	0.60 - 1.00 g/mL	QCM6.013	0.87 g/mL
Determination of Moisture	NMT 15.0%	QCM6.032	10.9 %
Mesh Thru #100	NLT 70%	QCM6.024	75 %

Strength

Test	Specification	Method	Results
Creatine Monohydrate	99 - 105% As is	MDM3.226	102 % As Is

Approved By / Date: Quality Approved / 11-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2038
Ordered Item Lot # 3314397
Ordered Item Description CREATINE MONOHYDRATE MICRONIZED 500 G
Bulk Prod Code 52038
Bulk Prod Lot # 3308420
Expiration Date 17-SEP-26
Manufacture Date 19-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
Creatinine	NMT 200 ppm As is	MDM3.226	18 ppm As Is
Dicyandiamide	NMT 540 ppm As is	MDM3.226	21 ppm As Is
Doping Screen	None Detected	MDM4.074	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	18 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	131 ppb
Mercury	NMT 400 ppb	QCM3.016	3 ppb

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White to pale cream color	QCM6.008	Conforms
Creatine Monohydrate RT ID	Passes RT ID	MDM3.226	Pass RT ID
FTIR ID	Matches reference	QCM6.006	Matches Reference
Odor	Odorless	QCM6.008	Conforms
Taste/Mouth feel	Flavorless [Note: Dilute 4.2g in 6 oz. water]	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Density - Bulk	0.35 - 0.70 g/mL	QCM6.013	0.49 g/mL
Density - Tapped	0.60 - 1.00 g/mL	QCM6.013	0.85 g/mL
Determination of Moisture	NMT 15.0%	QCM6.032	11.9 %
Mesh Thru #100	NLT 70%	QCM6.024	75 %



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Creatine Monohydrate	99 - 105% As is	MDM3.226	100 % As Is

Approved By / Date: Quality Approved / 11-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2120
Ordered Item Lot # 3313810
Ordered Item Description M.S.M 1000mg 120 VCAPS
Bulk Prod Code 52120B
Bulk Prod Lot # 3297914
Expiration Date 12-SEP-28
Manufacture Date 15-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 217 ppb	QCM3.016	45 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 65 ppb	QCM3.016	9 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 109 ppb	QCM3.016	108 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.5 µg/day
Mercury	0 - 65 ppb	QCM3.016	17 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1219 - 1280 mg	QCM6.021	1269 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	1089 - 1150 mg	QCM6.005	1113 mg
Length	NMT 25.6 mm	QCM6.021	24.8 mm

Strength

Test	Specification	Method	Results
Methyl Sulfonyl Methane (MSM)	1000 - 1200 mg	QCM1.054	1055 mg

Approved By / Date: Quality Approved / 05-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2138
Ordered Item Lot # 3297486
Ordered Item Description TESTO JACK 100 120 VCAPS
Bulk Prod Code 52168C
Bulk Prod Lot # 2105017
Expiration Date 03-JUN-28
Manufacture Date 05-JUN-23

Contaminants/Adulterants

Test	Specification	Method	Results
Desmethyl Carbodenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Sildenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Sulfoildenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Tadalafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Vardenafil	None Detected (Annual Test)	COR-QCG-042	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 350 ppb	QCM3.016	132 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 211 ppb	QCM3.016	16 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 350 ppb	QCM3.016	104 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 211 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g



CERTIFICATE OF ANALYSIS

Identification

Test	Specification	Method	Results
Color/Appearance	Light brown to tan with few speckles	QCM6.008	Conforms
Odor	Aromatic herbal odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	802 - 843 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	12 min
Fill Weight	680 - 721 mg	QCM6.005	Pass
Length	NMT 23.6 mm	QCM6.021	23.3 mm

Strength

Test	Specification	Method	Results
Eurypeptides	NLT 5.5 mg	JUST.154	Acceptable per Justification
Magnesium	70 - 95 mg	QCM3.263	80 mg
Pyridoxine	1.5 - 2.5 mg	QCM3.177	2.4 mg
Total Saponins	NLT 56.3 mg	JUST.138	Acceptable per Justification
Zinc	4.5 - 6.0 mg	QCM3.263	5.3 mg

Approved By / Date: Quality Approved / 27-JUN-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2168
Ordered Item Lot # 3298795
Ordered Item Description TESTO JACK 100 60 VCAPS
Bulk Prod Code 52168C
Bulk Prod Lot # 2105017
Expiration Date 03-JUN-28
Manufacture Date 05-JUN-23

Contaminants/Adulterants

Test	Specification	Method	Results
Desmethyl Carbodenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Sildenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Sulfoildenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Tadalafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Vardenafil	None Detected (Annual Test)	COR-QCG-042	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 350 ppb	QCM3.016	132 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 211 ppb	QCM3.016	16 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 350 ppb	QCM3.016	104 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 211 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g



CERTIFICATE OF ANALYSIS

Identification

Test	Specification	Method	Results
Color/Appearance	Light brown to tan with few speckles	QCM6.008	Conforms
Odor	Aromatic herbal odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	802 - 843 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	12 min
Fill Weight	680 - 721 mg	QCM6.005	Pass
Length	NMT 23.6 mm	QCM6.021	23.3 mm

Strength

Test	Specification	Method	Results
Eurypeptides	NLT 5.5 mg	JUST.154	Acceptable per Justification
Magnesium	70 - 95 mg	QCM3.263	80 mg
Pyridoxine	1.5 - 2.5 mg	QCM3.177	2.4 mg
Total Saponins	NLT 56.3 mg	JUST.138	Acceptable per Justification
Zinc	4.5 - 6.0 mg	QCM3.263	5.3 mg

Approved By / Date: Quality Approved / 06-JUN-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2170
Ordered Item Lot # 3299676
Ordered Item Description TRIBULUS 500mg 45% 100 VCAPS
Bulk Prod Code 52170B
Bulk Prod Lot # 3296736
Expiration Date 07-JUN-28
Manufacture Date 10-JUN-23

Contaminants/Adulterants

Test	Specification	Method	Results
Desmethyl Carbodenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Sildenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Sulfoildenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Tadalafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Vardenafil	None Detected (Annual Test)	COR-QCG-042	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 266 ppb	QCM3.016	158 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 160 ppb	QCM3.016	32 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 266 ppb	QCM3.016	56 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 160 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Yellowish-brown to greenish-brown	QCM6.008	Conforms
Odor	Herbal to odorless	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	693 - 728 mg	QCM6.021	714 mg
Disintegration - Water	0 - 60 min	QCM6.020	10 min
Fill Weight	597 - 632 mg	QCM6.005	607 mg
Length	NMT 22.0 mm	QCM6.021	23.1 mm

Strength

Test	Specification	Method	Results
Saponins	225 - 310 mg	QCM3.067	261 mg

Approved By / Date: Quality Approved / 14-JUL-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2171
Ordered Item Lot # 3300511
Ordered Item Description TRIBULUS 1000mg 90 TABS
Bulk Prod Code 52173
Bulk Prod Lot # 3299231
Expiration Date 14-JUN-28
Manufacture Date 16-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 477 ppb	QCM3.016	149 ppb
Arsenic µg/day	0.0 - 1.0 ug/day	QCM3.016	0.3 µg/day
Cadmium	0 - 239 ppb	QCM3.016	44 ppb
Cadmium µg/day	0.0 - 0.5 ug/day	QCM3.016	0.1 µg/day
Lead	0 - 239 ppb	QCM3.016	66 ppb
Lead µg/day	0.0 - 0.5 ug/day	QCM3.016	0.1 µg/day
Mercury	0 - 144 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.3 ug/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light brown with speckles to dark greenish brown with speckles	QCM6.008	Conforms
Odor	Characteristic herbal, bittersweet odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	2004 - 2105 mg	QCM6.021	2038 mg
Disintegration - Water	0 - 60 min	QCM6.020	32 min

Strength

Test	Specification	Method	Results
Calcium	130 - 160 mg	QCM3.263	149 mg
Saponins	450 - 615 mg	QCM3.067	552 mg

Approved By / Date: Quality Approved / 12-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2196
Ordered Item Lot # 3317381
Ordered Item Description MCT OIL 1,000 MG SOFTGELS 150 SGELS
Bulk Prod Code 52196
Bulk Prod Lot # 3307550
Expiration Date 03-OCT-26
Manufacture Date 04-OCT-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 3.0 mg KOH/g	QCM6.011	0.1 mg KOH/g

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 61 ppb	QCM3.016	18 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 61 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 1.0 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 122 ppb	QCM3.016	38 ppb
Lead µg/day	0.0 - 2.0 µg/day	QCM3.016	0.6 µg/day
Mercury	0 - 18 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Amber to light yellow clear shell softgels	QCM6.008	Conforms
Odor	Mild odor to bland odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1480 - 1628 mg	QCM6.021	1454 mg
Disintegration - Water	0 - 60 mim	QCM6.020	8 min
Fill Weight	1000 - 1092 mg	QCM6.005	1069 mg
Length	NMT 26.7 mm	QCM6.021	27.9 mm
Moisture	NMT 10.0%	SPK-OSG-025	5.9 %

Approved By / Date: Quality Approved / 09-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2202
Ordered Item Lot # 3308478
Ordered Item Description TESTOJACK 300 60 VCAPS
Bulk Prod Code 52202
Bulk Prod Lot # 3307113
Expiration Date 13-AUG-25
Manufacture Date 14-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 613 ppb	QCM3.016	63 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 211 ppb	QCM3.016	48 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 613 ppb	QCM3.016	327 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 211 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light brown to tan with few white speckles	QCM6.008	Conforms
Odor	Herbal odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	564 - 593 mg	QCM6.021	573 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	468 - 497 mg	QCM6.005	481 mg
Length	NMT 22.0 mm	QCM6.021	21.6 mm

Strength

Test	Specification	Method	Results
Tongkat Ali (Root) (E. longifolia) Ext	300 mg	By Input	300 mg

Approved By / Date: Quality Approved / 08-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2211
Ordered Item Lot # 3302996
Ordered Item Description MCT OIL 16 FL OZ
Bulk Prod Code 52199
Bulk Prod Lot # 3297987
Expiration Date 06-JUL-26
Manufacture Date 07-JUL-23

Contaminants/Adulterants

Test	Specification	Method	Results
Doping Screen	None Detected	MDM4.074	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	14 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	48 ppb
Mercury	NMT 400 ppb	QCM3.016	1 ppb

Contaminants/Micro

Test	Specification	Method	Results
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Capric Acid - C10 RTID	Passes RT ID	QCM4.016	Pass RT ID
Caprylic Acid - C8 RTID	Passes RT ID	QCM4.016	Pass RT ID
Color/Appearance	Clear, colorless to slight yellow liquid (@ room temp.)	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
Odor	Neutral bland odor to odorless	QCM6.008	Conforms
Specific Gravity @ 25°C	0.930 - 0.960	QCM6.001	0.944
Taste/Mouth feel	Neutral bland taste to tasteless	QCM6.008	Conforms

Strength

Test	Specification	Method	Results
Capric Acid - C10	30 - 50%	QCM4.016	43 %
Caprylic Acid - C8	50 - 65%	QCM4.016	56 %

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2212
Ordered Item Lot # 3315181
Ordered Item Description LECITHIN 1200mg 200 SGELS
Bulk Prod Code 52211B
Bulk Prod Lot # VS230584
Expiration Date 21-SEP-26
Manufacture Date 23-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 111 ppb	QCM3.016	80 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 111 ppb	QCM3.016	7 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 111 ppb	QCM3.016	84 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.4 µg/day
Mercury	0 - 67 ppb	QCM3.016	11 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Dark yellowish-orange to reddish-brown	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
Odor	Odorless to slight/mild oily to mostly oily	QCM6.008	Conforms
Phosphatidyl Choline Class II RT ID	Passes RT ID	MDM3.335	Pass RT ID

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1890 - 2079 mg	QCM6.021	1951 mg
Disintegration - Water	0 - 60 min	QCM6.020	21 min
Fill Weight	1370 - 1507 mg	QCM6.005	1405 mg
Length	NMT 28.0 mm	QCM6.021	26.9 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Phosphatidyl Choline Class II	167.0 - 334.0 mg	MDM3.335	143.7 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2251
Ordered Item Lot # 3308998
Ordered Item Description ASTAXANTHIN 10 MG 60 SGELS
Bulk Prod Code 52251B
Bulk Prod Lot # 3300103
Expiration Date 16-AUG-26
Manufacture Date 17-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 181 ppb	QCM3.016	5 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 181 ppb	QCM3.016	0 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 181 ppb	QCM3.016	4 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 181 ppb	QCM3.016	1 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Reddish-brown to black	QCM6.008	Conforms
Odor	Odorless to faint marine oily odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	780 - 858 mg	QCM6.021	789 mg
Disintegration - Water	0 - 60 min	QCM6.020	10 min
Fill Weight	549 - 577 mg	QCM6.005	578 mg
Length	NMT 16.0 mm	QCM6.021	15.3 mm
Moisture	NMT 10.0%	SPK-OSG-025	6.1 %



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Astaxanthin	10 - 13 mg	MDM3.351	10 mg

Approved By / Date: Quality Approved / 19-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2311
Ordered Item Lot # 3317898
Ordered Item Description SUNFL LECITHIN 1200mg 100 SGELS
Bulk Prod Code 52311C
Bulk Prod Lot # VS230571
Expiration Date 05-OCT-27
Manufacture Date 06-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 176 ppb	QCM3.016	47 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 106 ppb	QCM3.016	16 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 176 ppb	QCM3.016	46 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 106 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Viscous brown to amber to reddish-brown fill	QCM6.008	Conforms
Odor	Faint characteristic lecithin odor	QCM6.008	Conforms
Phosphatidyl Choline Class II RT ID	Passes RT ID	MDM3.335	Pass RT ID

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1820 - 2002 mg	QCM6.021	1972 mg
Disintegration - Water	0 - 60 min	QCM6.020	18 min
Fill Weight	1300 - 1430 mg	QCM6.005	1313 mg
Length	NMT 28.0mm	QCM6.021	26.2 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Phosphatidyl Choline Class II	180 - 250 mg	MDM3.335	218 mg

Approved By / Date: Quality Approved / 11-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2630
Ordered Item Lot # 3303911
Ordered Item Description CHLORELLA 1000mg 60 TABS
Bulk Prod Code 52630E
Bulk Prod Lot # 3295398
Expiration Date 13-JUL-25
Manufacture Date 14-JUL-23

Contaminants/Adulterants

Test	Specification	Method	Results
PPSL	Pass	QCM3.019	Pass

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 610 ppb	QCM3.016	131 ppb
Arsenic µg/day	0.0 - 2.0 µg/day	QCM3.016	0.4 µg/day
Cadmium	0 - 92 ppb	QCM3.016	14 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 610 ppb	QCM3.016	137 ppb
Lead µg/day	0.0 - 2.0 µg/day	QCM3.016	0.4 µg/day
Mercury	0 - 92 ppb	QCM3.016	53 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.2 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Broken Cell Wall	COA Confirmation	COR-QCG-014	COA Confirmed
Color/Appearance	Dark green with beige spackles	QCM6.008	Conforms
Odor	Green, seaweed-like odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1042 - 1094 mg	QCM6.021	1061 mg
Disintegration - Water	0 - 60 min	QCM6.020	55 min
Friability	NMT 0.5%	QCM6.017	0.1 %
Hardness	12.0 - 14.4 kp	QCM6.016	14.1 kp
Length	NMT 19.3 mm	QCM6.021	19.2 mm
Tablet Thickness	NMT 9.02 mm	QCM6.021	7.81 mm

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2631
Ordered Item Lot # 3314004
Ordered Item Description ORG CHLORELLA 500mg per tab 200 TABS
Bulk Prod Code 52631
Bulk Prod Lot # 3310122
Expiration Date 14-SEP-25
Manufacture Date 16-SEP-23

Contaminants/Adulterants

Test	Specification	Method	Results
PPSL	Pass	QCM3.019	Pass

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 623 ppb	QCM3.016	237 ppb
Arsenic µg/day	0.0 - 2.0 µg/day	QCM3.016	0.7 µg/day
Cadmium	0 - 157 ppb	QCM3.016	20 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 623 ppb	QCM3.016	145 ppb
Lead µg/day	0.0 - 2.0 µg/day	QCM3.016	0.5 µg/day
Mercury	0 - 93 ppb	QCM3.016	17 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Broken Cell Wall	COA Confirmation	COR-QCG-014	COA Confirmed
Color/Appearance	Dark green round tablets	QCM6.008	Conforms
Odor	Seaweed-like odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	510 - 536 mg	QCM6.021	523 mg
Disintegration - Water	0 - 240 min	QCM6.020	95 min
Friability	NMT 1.0%	QCM6.017	0.0 %
Hardness	6 - 14 kP	QCM6.016	9 kp
Length	NMT 12.6 mm	QCM6.021	11.2 mm
Tablet Thickness	NMT 5.80 mm	QCM6.021	5.44 mm

Strength

Test	Specification	Method	Results
Organic Chlorella	500 mg	COR-QAG-042	500 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2644
Ordered Item Lot # 3312519
Ordered Item Description LIQ CHLOROPHYLL & MINT 16 OZ
Bulk Prod Code 62644
Bulk Prod Lot # 3311645
Expiration Date 07-SEP-27
Manufacture Date 09-SEP-23

Identification

Test	Specification	Method	Results
Color/Appearance	Dark green	QCM6.008	Conforms
Odor	Minty odor	QCM6.008	Conforms
Specific Gravity @ 25°C	1.150 - 1.160	QCM6.001	1.156
Taste/Mouth feel	Strong minty-sweet taste	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
pH@25°C	9.0 - 10.0 pH	QCM6.015	9.1

Approved By / Date: Quality Approved / 03-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2645
Ordered Item Lot # 3298152
Ordered Item Description CHLOROPHYLL 100mg 90 VCAPS
Bulk Prod Code 52645C
Bulk Prod Lot # 3295548
Expiration Date 29-MAY-26
Manufacture Date 30-MAY-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 872 ppb	QCM3.016	89 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 264 ppb	QCM3.016	118 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 611 ppb	QCM3.016	160 ppb
Lead µg/day	0.0 - 0.7 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 264 ppb	QCM3.016	86 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Dark green	QCM6.008	Conforms
Odor	Grassy, hay-like odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	438 - 460 mg	QCM6.021	450 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	362 - 384 mg	QCM6.005	367 mg
Length	NMT 19.7 mm	QCM6.021	19.2 mm

Approved By / Date: Quality Approved / 14-JUN-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2675
Ordered Item Lot # 3304720
Ordered Item Description KELP CAPS 250 VCAPS
Bulk Prod Code 52674D
Bulk Prod Lot # 3301511
Expiration Date 19-JUL-26
Manufacture Date 20-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Cadmium	0 - 344 ppb	QCM3.016	245 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Inorganic Arsenic	0 - 9850 ppb	QCM3.139	4950 ppb
Inorganic Arsenic	0.0 - 3.0 µg/day	QCM3.016	1.5 µg/day
Lead	0 - 1639 ppb	QCM3.016	97 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 344 ppb	QCM3.016	18 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Gray with dark speckles	QCM6.008	Conforms
Odor	Slight seaweed odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	363 - 382 mg	QCM6.021	371 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	287 - 305 mg	QCM6.005	295 mg
Length	NMT 19.7 mm	QCM6.021	18.5 mm

Strength

Test	Specification	Method	Results
Iodine Class II	325 - 500 mcg	QCM3.148	511 mcg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2680
Ordered Item Lot # 3308861
Ordered Item Description KELP 150mcg 200 TABS
Bulk Prod Code 52684C
Bulk Prod Lot # 3307591SK
Expiration Date 15-AUG-27
Manufacture Date 16-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 4510 ppb	QCM3.016	2306 ppb
Arsenic µg/day	0.0 - 4.0 µg/day	QCM3.016	2.0 µg/day
Cadmium	0 - 118 ppb	QCM3.016	25 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 339 ppb	QCM3.016	35 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 118 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light gray with speckles	QCM6.008	Conforms
Odor	Seaweed (fishy) odor)	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	843 - 886 mg	QCM6.021	866 mg
Disintegration - Water	0 - 60 min	QCM6.020	2 min

Strength

Test	Specification	Method	Results
Iodine Class II	150 - 245 mcg	QCM3.148	208 mcg

Approved By / Date: Quality Approved / 22-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	2696
Ordered Item Lot #	3309248
Ordered Item Description	ORG SPIRULINA 500mg 100 TABS
Bulk Prod Code	52704
Bulk Prod Lot #	3303178
Expiration Date	16-AUG-26
Manufacture Date	18-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
PPSL	Pass	QCM3.019	Pass

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 636 ppb	QCM3.016	189 ppb
Arsenic µg/day	0.0 - 2.0 µg/day	QCM3.016	0.6 µg/day
Cadmium	0 - 95 ppb	QCM3.016	66 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.2 µg/day
Lead	0 - 159 ppb	QCM3.016	46 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 95 ppb	QCM3.016	1 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Dark green to dark blue-green to green color, round tablets	QCM6.008	Conforms
Odor	Mild to strong seaweed odor	QCM6.008	Conforms
Spirulina ID	Matches reference	QCM4.034	Matches Reference



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	500 - 525 mg	QCM6.021	508 mg
Friability	NMT 1.0%	QCM6.017	0.0 %
Hardness	NMT 17 kP	QCM6.016	11 kp
Length	NMT 12.0 mm	QCM6.021	11.1 mm
Tablet Thickness	NMT 5.25 mm	QCM6.021	5.25 mm

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	2696
Ordered Item Lot #	3296215
Ordered Item Description	ORG SPIRULINA 500mg 100 TABS
Bulk Prod Code	52704
Bulk Prod Lot #	3271109
Expiration Date	12-MAY-26
Manufacture Date	16-MAY-23

Contaminants/Adulterants

Test	Specification	Method	Results
PPSL	Pass	QCM3.019	Pass

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 636 ppb	QCM3.016	94 ppb
Arsenic µg/day	0.0 - 2.0 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 95 ppb	QCM3.016	19 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 159 ppb	QCM3.016	65 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 95 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Dark green to dark blue-green to green color, round tablets	QCM6.008	Conforms
Odor	Mild to strong seaweed odor	QCM6.008	Conforms
Spirulina ID	Matches reference	QCM4.034	Matches Reference



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	500 - 525 mg	QCM6.021	504 mg
Friability	NMT 1.0%	QCM6.017	0.2 %
Hardness	NMT 17 kP	QCM6.016	14 kp
Length	NMT 12.0 mm	QCM6.021	11.1 mm
Tablet Thickness	NMT 5.25 mm	QCM6.021	5.12 mm

Approved By / Date: Quality Approved / 25-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	2698
Ordered Item Lot #	3302190
Ordered Item Description	ORG SPIRULINA 500mg 200 TABS
Bulk Prod Code	52704
Bulk Prod Lot #	3294794
Expiration Date	28-JUN-26
Manufacture Date	29-JUN-23

Contaminants/Adulterants

Test	Specification	Method	Results
PPSL	Pass	QCM3.019	Pass

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 636 ppb	QCM3.016	200 ppb
Arsenic µg/day	0.0 - 2.0 µg/day	QCM3.016	0.6 µg/day
Cadmium	0 - 95 ppb	QCM3.016	50 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.2 µg/day
Lead	0 - 159 ppb	QCM3.016	126 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.4 µg/day
Mercury	0 - 95 ppb	QCM3.016	14 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Dark green to dark blue-green to green color, round tablets	QCM6.008	Conforms
Odor	Mild to strong seaweed odor	QCM6.008	Conforms
Spirulina ID	Matches reference	QCM4.034	Matches Reference



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	500 - 525 mg	QCM6.021	506 mg
Friability	NMT 1.0%	QCM6.017	0.0 %
Hardness	NMT 17 kP	QCM6.016	12 kp
Length	NMT 12.0 mm	QCM6.021	11.1 mm
Tablet Thickness	NMT 5.25 mm	QCM6.021	5.23 mm

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	2700
Ordered Item Lot #	3308857
Ordered Item Description	ORG SPIRULINA 500mg 500 TABS
Bulk Prod Code	52704
Bulk Prod Lot #	3303177
Expiration Date	15-AUG-26
Manufacture Date	16-AUG-23

Contaminants/Adulterants

Test	Specification	Method	Results
PPSL	Pass	QCM3.019	Pass

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 636 ppb	QCM3.016	148 ppb
Arsenic µg/day	0.0 - 2.0 µg/day	QCM3.016	0.4 µg/day
Cadmium	0 - 95 ppb	QCM3.016	38 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 159 ppb	QCM3.016	52 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 95 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Dark green to dark blue-green to green color, round tablets	QCM6.008	Conforms
Odor	Mild to strong seaweed odor	QCM6.008	Conforms
Spirulina ID	Matches reference	QCM4.034	Matches Reference



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	500 - 525 mg	QCM6.021	506 mg
Friability	NMT 1.0%	QCM6.017	0.0 %
Hardness	NMT 17 kP	QCM6.016	13 kp
Length	NMT 12.0 mm	QCM6.021	11.1 mm
Tablet Thickness	NMT 5.25 mm	QCM6.021	5.22 mm

Approved By / Date: Quality Approved / 30-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2811
Ordered Item Lot # 3309727
Ordered Item Description D-MANNOSE 500MG 120 VCAPS
Bulk Prod Code 52811B
Bulk Prod Lot # 3308185
Expiration Date 20-AUG-27
Manufacture Date 22-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 196 ppb	QCM3.016	37 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 59 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 98 ppb	QCM3.016	38 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 59 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Total Heavy Metals	0 - 10,000 ppb	QCM3.016	80 ppb

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slightly off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	658 - 691 mg	QCM6.021	683 mg
Disintegration - Water	0 - 60 min	QCM6.020	2 min
Fill Weight	536 - 569 mg	QCM6.005	560 mg
Length	NMT 23.6 mm	QCM6.021	23.2 mm

Strength

Test	Specification	Method	Results
D-Mannose	500 - 600 mg	QCM3.255	565 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2921
Ordered Item Lot # 3315811
Ordered Item Description ORALBIOTIC LOZENGES 60 LOZ
Bulk Prod Code 52921C
Bulk Prod Lot # 3311378SK
Expiration Date 25-SEP-25
Manufacture Date 27-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 96 ppb	QCM3.016	34 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 96 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 96 ppb	QCM3.016	35 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 58 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
TVC - S. salivarius	NLT 500 Million cfu/lozenge (<5.0 x 10 ⁸ cfu/loz).	COR-QCG-042	>= 500 Million cfu/loz (>= 5.0x10 ⁸ cfu/loz)

Identification

Test	Specification	Method	Results
Color/Appearance	Light pink to pinkish-white with few specks round uncoated chewable tablets	QCM6.008	Conforms
Odor	Sweet berry (fruity) aroma	QCM6.008	Conforms
Taste/Mouth feel	Cooling, sweet, slight fruit (berry) flavor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	500 - 525 mg	QCM6.021	508 mg
Friability	NMT 0.5%	QCM6.017	0.1 %
Hardness	6 - 15 kp	QCM6.016	13 kp
Tablet Thickness	4.50 - 5.90 mm	QCM6.021	4.96 mm

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2926
Ordered Item Lot # 3312490
Ordered Item Description PROBIOTIC-10 25 BILLION 50 VCAPS
Bulk Prod Code 52926B
Bulk Prod Lot # 3307188SK
Expiration Date 07-SEP-25
Manufacture Date 08-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 182 ppb	QCM3.016	72 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 182 ppb	QCM3.016	6 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 182 ppb	QCM3.016	42 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 182 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light beige to creamish tan to pinkish/peach beige	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	350 - 368 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	274 - 288 mg	QCM6.005	297 mg
Length	NMT 19.7mm	QCM6.021	19.2 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Probiotic Enumeration	Release: NLT 40 Billion cfu/cap ($\geq 4.0 \times 10^{10}$ cfu/cap) Stability: NLT 25 Billion cfu/cap ($\geq 2.5 \times 10^{10}$ cfu/cap)	QCMB009	≥ 40 Billion ($\geq 4.0 \times 10^{10}$) cfu/cap

Approved By / Date: Quality Approved / 15-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2937
Ordered Item Lot # 3305098
Ordered Item Description PROBIOTIC-10 25 BILLION 30 VCAPS
Bulk Prod Code 52926B
Bulk Prod Lot # 3302922
Expiration Date 21-JUL-25
Manufacture Date 22-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 182 ppb	QCM3.016	21 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 182 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 182 ppb	QCM3.016	9 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 182 ppb	QCM3.016	0 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light beige to creamish tan to pinkish/peach beige	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	350 - 368 mg	QCM6.021	356 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	274 - 288 mg	QCM6.005	283 mg
Length	NMT 19.7mm	QCM6.021	18.6 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Probiotic Enumeration	Release: NLT 40 Billion cfu/cap ($\geq 4.0 \times 10^{10}$ cfu/cap) Stability: NLT 25 Billion cfu/cap ($\geq 2.5 \times 10^{10}$ cfu/cap)	QCMB009	≥ 40 Billion ($\geq 4.0 \times 10^{10}$) cfu/cap

Approved By / Date: Quality Approved / 12-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2938
Ordered Item Lot # 3303905
Ordered Item Description BETAINE HCL 120 VCAPS
Bulk Prod Code 52938C
Bulk Prod Lot # W0033302
Expiration Date 13-JUL-26
Manufacture Date 14-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 89 ppb	QCM3.016	16 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 54 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 89 ppb	QCM3.016	31 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 54 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white to beige	QCM6.008	Conforms
Odor	Odorless to slightly sour, yeast-like odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1020 - 1071 mg	QCM6.021	1061 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	890 - 941 mg	QCM6.005	926 mg
Length	NMT 25.6mm	QCM6.021	24.7 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Acid Stable Protease	NLT 150 SAPU	JUST.127	Acceptable per Justification
Betaine HCL	648 - 778 mg	MDM3.324	742 mg

Approved By / Date: Quality Approved / 12-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2945
Ordered Item Lot # 3309713
Ordered Item Description PANCREATIN 2000 (200mg 10X) 100 CAPS
Bulk Prod Code 52945C
Bulk Prod Lot # 3306017
Expiration Date 20-AUG-26
Manufacture Date 22-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 9363 ppb	QCM3.016	47 ppb
Arsenic µg/day	0.0 - 10.0 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 3839 ppb	QCM3.016	44 ppb
Cadmium µg/day	0.0 - 4.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 468 ppb	QCM3.016	84 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 281 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Amylase ID	Positive	COR-QCG-042	Positive
Color/Appearance	Off-white to beige with speckles	QCM6.008	Conforms
Lipase ID	Positive	COR-QCG-042	Positive
Odor	Slight sour to odorless	QCM6.008	Conforms
Protease ID	Positive	COR-QCG-042	Positive

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	411 - 432 mg	QCM6.021	424 mg
Disintegration - Water	0 - 60 min	QCM6.020	2 min
Fill Weight	335 - 356 mg	QCM6.005	349 mg
Length	NMT 19.7 mm	QCM6.021	19.0 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Amylase	50000 - 100000 USP	COR-QCG-042	67800 USP
Lipase	4000 - 12000 USP	COR-QCG-042	11200 USP
Protease	50000 - 100000 USP	COR-QCG-042	56500 USP

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	2956
Ordered Item Lot #	3315558
Ordered Item Description	DAIRY DIGEST COMPLETE 90 VCAPS
Bulk Prod Code	52956B
Bulk Prod Lot #	W0034268
Expiration Date	24-SEP-25
Manufacture Date	26-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 209 ppb	QCM3.016	37 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 209 ppb	QCM3.016	15 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 209 ppb	QCM3.016	53 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 209 ppb	QCM3.016	12 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Characteristic off-white to tan to light beige	QCM6.008	Conforms
Lactase ID	Positive	COR-QCG-042	Positive
Lipase ID	Positive	COR-QCG-042	Positive
Odor	Odorless to sour odor	QCM6.008	Conforms
Protease ID	Positive	COR-QCG-042	Positive

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	204 - 214 mg	QCM6.021	204 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	157 - 167 mg	QCM6.005	157 mg
Length	NMT 16.2mm	QCM6.021	14.9 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Lactase	1000 - 1200 ALU	COR-QCG-042	1200 ALU
Lipase	600 - 1225 FIP	COR-QCG-042	664 FIP
Protease	25000 - 46800 HUT	COR-QCG-042	33000 HUT

Approved By / Date: Quality Approved / 27-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2960
Ordered Item Lot # 3310934
Ordered Item Description SUPER ENZYMES 90 TABS
Bulk Prod Code 52960B
Bulk Prod Lot # 3304980
Expiration Date 27-AUG-26
Manufacture Date 29-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 257 ppb	QCM3.016	95 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 428 ppb	QCM3.016	20 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 428 ppb	QCM3.016	88 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 89 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Total Heavy Metals	0 - 10000 ppb	QCM3.016	212 ppb

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Betaine HCL RT ID	Passes RT ID	MDM3.324	Pass RT ID
Color/Appearance	Beige to tan with speckles	QCM6.008	Conforms
Glycocholic Acid RT ID	Passes RT ID	QCM3.386	Pass RT ID
Odor	Characteristic of animal-origin/ slight papaya odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1111 - 1167 mg	QCM6.021	1140 mg
Disintegration - Water	0 - 60 min	QCM6.020	23 min
Friability	NMT 0.1%	QCM6.017	0.0 %
Hardness	27 - 50 kp	QCM6.016	Pass
Length	NMT 19.5 mm	QCM6.021	19.2 mm
Tablet Thickness	NMT 8.29 mm	QCM6.021	7.81 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Amylase	NLT 20000 USP	JUST.020	Acceptable per Justification
Betaine HCL	200 - 240 mg	MDM3.324	219 mg
Bromelain	NLT 120 GDU	JUST.020	Acceptable per Justification
Calcium	20 - 50 mg	QCM3.263	48 mg
Cellulase	NLT 10 CU	JUST.020	Acceptable per Justification
Lipase	NLT 1600 USP	JUST.020	Acceptable per Justification
Papain	NLT 100000 FCC PU	JUST.020	Acceptable per Justification
Pepsin	NLT 500 NF	JUST.020	Acceptable per Justification
Protease	NLT 20000 USP	JUST.020	Acceptable per Justification
Total Cholic Acids(Cholic,Tauro-,Glyco-)	45 - 70 mg	QCM3.386	66 mg

Approved By / Date: Quality Approved / 31-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 2963
Ordered Item Lot # 3317288
Ordered Item Description SUPER ENZYME CAPS 90 CAPS
Bulk Prod Code 52963C
Bulk Prod Lot # 3306843
Expiration Date 03-OCT-25
Manufacture Date 04-OCT-23

Contaminants/Adulterants

Test	Specification	Method	Results
PPSL	Pass	QCM3.019	Pass

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 143 ppb	QCM3.016	61 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 143 ppb	QCM3.016	13 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 409 ppb	QCM3.016	45 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 143 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Beige to light beige with dark speckles	QCM6.008	Conforms
Glycocholic Acid RT ID	Passes RT ID	QCM3.386	Pass RT ID
Odor	Sour odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	811 - 852 mg	QCM6.021	840 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	692 - 733 mg	QCM6.005	728 mg
Length	NMT 23.6 mm	QCM6.021	23.0 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Amylase	37,000 - 45,000 USP	COR-QCG-042	44700 USP
Aspergillopepsin	NLT 50 SAPU	JUST.152	Acceptable per Justification
Betaine HCL	200 - 240 mg	MDM3.324	216 mg
Bromelain	NLT 120 GDU	JUST.152	Acceptable per Justification
Cellulase	NLT 10 CU	JUST.152	Acceptable per Justification
Lipase	NLT 2,960 USP	JUST.152	Acceptable per Justification
Papaya Fruit Powder	NLT 45 mg	COR-QCG-014	45 mg
Plant Proteolytic Activity	1,900,000 - 4,500,000 PU	COR-QCG-042	2480000 PU
Protease	NLT 37,000 USP	JUST.152	Acceptable per Justification
Total Cholic Acids(Cholic,Tauro-,Glyco-)	45 - 70 mg	QCM3.386	62 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3022
Ordered Item Lot # 3297621
Ordered Item Description 7-KETO(R) 100MG LEANGELS(TM) BULK
Bulk Prod Code 53022
Bulk Prod Lot # VS210212
Expiration Date 23-MAY-26
Manufacture Date 24-MAY-23

Contaminants/Adulterants

Test	Specification	Method	Results
Desmethylsibutramine	None Detected (Annual Test)	COR-QCG-042	None Detected
Fluoxetine	None Detected (Annual Test)	COR-QCG-042	None Detected
Phenolphthalein	None Detected (Annual Test)	COR-QCG-042	None Detected
Sibutramine	None Detected (Annual Test)	COR-QCG-042	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 5365 ppb	QCM3.016	30 ppb
Arsenic µg/day	0.0 - 10.0 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 2200 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 4.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 268 ppb	QCM3.016	26 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 161 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10 g	QCMB010	Negative/10g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Acetyl L-Carnitine RT ID	Passes RT ID	QCM3.193	Pass RT ID
Color/Appearance	Brown to light reddish-brown color with light amber to brown fill	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
Conjugated Linoleic Acid Class II RT ID	Passes RT ID	MDM1.057	Pass RT ID
FTIR ID	Matches reference	QCM6.006	Matches Reference
Odor	Slightly sweet to oily with no offensive odor	QCM6.008	Conforms
7-Keto RT ID	Passes RT ID	QCM4.009	Pass RT ID

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1182 - 1327 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	12 min
Fill Weight	786 - 932 mg	QCM6.005	828 mg
Length	NMT 27.3 mm	QCM6.021	24.1 mm

Strength

Test	Specification	Method	Results
Acetyl L-Carnitine	15 - 18 mg	QCM3.193	16 mg
Conjugated Linoleic Acid (CLA) Class II	NLT 400 mg	MDM1.057	387 mg
Green Tea Extract (C. sinensis) (Leaf)	75 mg	By Input	75 mg
Rhodiola Extract (Rhodiola rosea) (Root)	10 mg	By Input	10
7-Keto	100 - 120 mg	QCM4.009	112 mg

Approved By / Date: Quality Approved / 02-DEC-2022



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3036
Ordered Item Lot # 3301912
Ordered Item Description ALOE VERA SOFTGEL 10,000mg 100 SGELS
Bulk Prod Code 53036B
Bulk Prod Lot # 3295345
Expiration Date 27-JUN-27
Manufacture Date 28-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 400 ppb	QCM3.016	78 ppb
Arsenic µg/day	0.0 - 0.6 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 201 ppb	QCM3.016	15 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 201 ppb	QCM3.016	18 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 135 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Pale yellow to light yellow orange	QCM6.008	Conforms
Odor	Odorless to slightly oily	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	530 - 583 mg	QCM6.021	550 mg
Disintegration - Water	0 - 60 min	QCM6.020	13 min
Fill Weight	360 - 378 mg	QCM6.005	371 mg
Length	NMT 16.4 mm	QCM6.021	13.7 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Organic Aloe Vera (Inner Leaf)	50 mg	By Input	50 mg

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3040
Ordered Item Lot # 3311235
Ordered Item Description ALPHA LIPOIC ACID 100mg 60 VCAP
Bulk Prod Code 53040B
Bulk Prod Lot # 3308945
Expiration Date 29-AUG-26
Manufacture Date 31-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 160 ppb	QCM3.016	134 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 82 ppb	QCM3.016	9 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 160 ppb	QCM3.016	88 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 82 ppb	QCM3.016	10 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	700 - 735 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	604 - 639 mg	QCM6.005	633 mg
Length	NMT 22.5 mm	QCM6.021	21.3 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
d-alpha Tocopherol Succinate	24.8 - 29.8 mg	MDM3.369	29.2 mg
d-alpha Tocopheryl Succinate (IU)	30.0 - 36.0 IU Calculated	MDM3.369	35.3 IU
Alpha Lipoic Acid	100 - 120 mg	MDM1.051	111 mg
Ascorbic Acid	250 - 300 mg	QCM4.001	257 mg
RRR-alpha-Tocopherol	20.1 - 24.1 mg RRR-alpha-Tocopherol Calculated	MDM3.369	23.7 mg RRR-a-Tocopherol

Approved By / Date: Quality Approved / 31-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3041
Ordered Item Lot # 3311192
Ordered Item Description ALPHA LIPOIC ACID 100mg 120 VCAPS
Bulk Prod Code 53040B
Bulk Prod Lot # 3308945
Expiration Date 29-AUG-26
Manufacture Date 31-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 160 ppb	QCM3.016	134 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 82 ppb	QCM3.016	9 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 160 ppb	QCM3.016	88 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 82 ppb	QCM3.016	10 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	700 - 735 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	604 - 639 mg	QCM6.005	633 mg
Length	NMT 22.5 mm	QCM6.021	21.3 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
d-alpha Tocopherol Succinate	24.8 - 29.8 mg	MDM3.369	29.2 mg
d-alpha Tocopheryl Succinate (IU)	30.0 - 36.0 IU Calculated	MDM3.369	35.3 IU
Alpha Lipoic Acid	100 - 120 mg	MDM1.051	111 mg
Ascorbic Acid	250 - 300 mg	QCM4.001	257 mg
RRR-alpha-Tocopherol	20.1 - 24.1 mg RRR-alpha-Tocopherol Calculated	MDM3.369	23.7 mg RRR-a-Tocopherol

Approved By / Date: Quality Approved / 05-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	3042
Ordered Item Lot #	3298793
Bulk Prod Code	53042D
Bulk Prod Lot #	3266009
Bulk Prod Descr	ALPHA LIPOIC ACID 250mg VCAPS BULK
Expiration Date	04-JUN-27
Manufacture Date	05-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 384 ppb	QCM3.016	230 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 196 ppb	QCM3.016	12 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 196 ppb	QCM3.016	82 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 196 ppb	QCM3.016	15 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light yellow; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	599 - 629 mg	QCM6.021	617 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	503 - 533 mg	QCM6.005	522 mg
Length	NMT 22.0mm	QCM6.021	20.9 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Alpha Lipoic Acid	250 - 300 mg	QCM1.051	274 mg

Approved By / Date: Quality Approved / 28-JUL-23



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3090
Ordered Item Lot # 3317609
Ordered Item Description DMAE 250MG 100 VCAPS
Bulk Prod Code 53090B
Bulk Prod Lot # 3314652
Expiration Date 05-APR-26
Manufacture Date 05-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 127 ppb	QCM3.016	39 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 127 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 211 ppb	QCM3.016	38 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 127 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	881 - 926 mg	QCM6.021	909 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	751 - 795 mg	QCM6.005	774 mg
Length	NMT 25.6 mm	QCM6.021	24.4 mm

Strength

Test	Specification	Method	Results
DMAE (Dimethylaminoethanol)	250 - 300 mg	MDM3.304	265 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3092
Ordered Item Lot # 3305991
Ordered Item Description DOPA MUCUNA 90 VCAPS
Bulk Prod Code 53092C
Bulk Prod Lot # 3300227
Expiration Date 26-JUL-26
Manufacture Date 28-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 189 ppb	QCM3.016	71 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 97 ppb	QCM3.016	11 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 189 ppb	QCM3.016	52 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 97 ppb	QCM3.016	11 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Grayish to light tan to light brown	QCM6.008	Conforms
L-DOPA RT ID	Matches reference	MDM3.370	Pass RT ID
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	617 - 648 mg	QCM6.021	648 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	510 - 541 mg	QCM6.005	539 mg
Length	NMT 23.8 mm	QCM6.021	22.5 mm

Strength

Test	Specification	Method	Results
L-DOPA	60 - 85 mg	MDM3.370	78 mg

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3153
Ordered Item Lot # 3307892
Ordered Item Description CoQ10 60mg 60 VCAPS
Bulk Prod Code 53153D
Bulk Prod Lot # 3305709
Expiration Date 07-AUG-28
Manufacture Date 10-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 470 ppb	QCM3.016	201 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 283 ppb	QCM3.016	45 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 283 ppb	QCM3.016	47 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 97 ppb	QCM3.016	9 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Pale brownish to mustard yellow with brown speckles	QCM6.008	Conforms
Odor	Practically odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	602 - 633 mg	QCM6.021	619 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	506 - 537 mg	QCM6.005	533 mg
Length	NMT 22.0mm	QCM6.021	21.3 mm

Strength

Test	Specification	Method	Results
CoQ10	60 - 72 mg	QCM4.069	66 mg

Approved By / Date: Quality Approved / 10-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3155
Ordered Item Lot # 3299252
Ordered Item Description HYALURONIC ACID 100MG 2X PLUS 60 VCAPS
Bulk Prod Code 53155
Bulk Prod Lot # 3296587SK
Expiration Date 06-JUN-25
Manufacture Date 07-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 648 ppb	QCM3.016	155 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 136 ppb	QCM3.016	5 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 136 ppb	QCM3.016	103 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 136 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/ 25 g	QCMB010	Negative/25g
Salmonella	Negative/ 25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Off- white to creamish-beige with few dark speckles	QCM6.008	Conforms
Odor	Odorless to slight sour odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	469 - 493 mg	QCM6.021	473 mg
Disintegration - Water	0 - 60 min	QCM6.020	16 min
Fill Weight	362 - 386 mg	QCM6.005	364 mg
Length	NMT 23.8 mm	QCM6.021	22.8 mm

Strength

Test	Specification	Method	Results
Alpha Lipoic Acid	50 - 65 mg	MDM1.051	58 mg
Hyaluronic Acid	100 - 130 mg	QCM3.281	129 mg
L-Proline	100 - 120 mg	QCM3.132	104 mg
Sodium	0 - 10 mg	QCM3.263	8 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3156
Ordered Item Lot # 3302233
Ordered Item Description HYALURONIC ACID 50MG + MSM 60 VCAPS
Bulk Prod Code 53156B
Bulk Prod Lot # 3300799SK
Expiration Date 28-JUN-27
Manufacture Date 29-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 128 ppb	QCM3.016	63 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 44 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 214 ppb	QCM3.016	58 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 128 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slightly off-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	658 - 691 mg	QCM6.021	667 mg
Disintegration - Water	0 - 60 min	QCM6.020	15 min
Fill Weight	551 - 584 mg	QCM6.005	577 mg
Length	NMT 23.8 mm	QCM6.021	23.0 mm

Strength

Test	Specification	Method	Results
Hyaluronic Acid	50 - 86 mg	QCM3.281	59 mg
Methyl Sulfonyl Methane (MSM)	450 - 540 mg	QCM1.054	520 mg
Sodium	0.0 - 5.0 mg	QCM3.263	3.0 mg

Approved By / Date: Quality Approved / 05-JUL-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3163
Ordered Item Lot # 3267303
Ordered Item Description CoQ10 60mg with Omega-3 60 SGELS
Bulk Prod Code 53165
Bulk Prod Lot # VS220351
Expiration Date 06-SEP-27
Manufacture Date 07-SEP-22

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 195 ppb	QCM3.016	23 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 68 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 195 ppb	QCM3.016	30 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 68 ppb	QCM3.016	1 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Reddish-brown to reddish orange-brown	QCM6.008	Conforms
CoQ10 RT ID	Passes RT ID	QCM4.069	Pass RT ID
DHA RT ID	Passes RT ID	QCM1.007	Pass RT ID
EPA RT ID	Passes RT ID	QCM1.007	Pass RT ID
Odor	Practically odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	999 - 1122 mg	QCM6.021	1079 mg
Disintegration - Water	0 - 60 min	QCM6.020	17 min
Fill Weight	679 - 770 mg	QCM6.005	701 mg
Length	NMT 25.6 mm	QCM6.021	21.4 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
CoQ10	60 - 72 mg	QCM4.069	66 mg
DHA	25 - 30 mg	QCM1.007	29 mg
EPA	40 - 48 mg	QCM1.007	50 mg
TotalMixedTocopherols(alpha, gamma, delta)	10 - 12 IU	QCM1.008	11 IU

Approved By / Date: Quality Approved / 12-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3168
Ordered Item Lot # 3316488
Ordered Item Description PQQ ENERGY 20MG PLUS 30 VCAPS
Bulk Prod Code 53168B
Bulk Prod Lot # 3312660
Expiration Date 28-SEP-26
Manufacture Date 29-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 292 ppb	QCM3.016	128 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 292 ppb	QCM3.016	4 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 292 ppb	QCM3.016	31 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 292 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Yellow to reddish-orange to burnt orange, may have speckles	QCM6.008	Conforms
Odor	Odorless; free of any off-odors	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	414 - 435 mg	QCM6.021	423 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	338 - 359 mg	QCM6.005	357 mg
Length	NMT 19.7mm	QCM6.021	18.5 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Acetyl L-Carnitine	200 - 240 mg	QCM3.193	223 mg
CoQ10	30 - 36 mg	QCM4.069	34 mg
Methylcobalamin	1000 - 1400 mcg	MDM4.003	1400 mcg
Pyrrroquinoline Quinone Disodium Salt	20 - 24 mg	MDM3.181	20 mg

Approved By / Date: Quality Approved / 06-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3184
Ordered Item Lot # 3307125
Ordered Item Description CoQ10 30mg 60 VCAPS
Bulk Prod Code 53181
Bulk Prod Lot # 3304759
Expiration Date 02-AUG-28
Manufacture Date 04-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 359 ppb	QCM3.016	205 ppb
Arsenic µg/day	0.0 - 0.4 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 266 ppb	QCM3.016	22 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 266 ppb	QCM3.016	36 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 266 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Total Heavy Metals	0 - 10,000 ppb	QCM3.016	271 ppb

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Pale yellowish-orange; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	431 - 453 mg	QCM6.021	438 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	355 - 377 mg	QCM6.005	368 mg
Length	NMT 19.7 mm	QCM6.021	18.9 mm

Strength

Test	Specification	Method	Results
CoQ10	30 - 36 mg	QCM4.069	30 mg

Approved By / Date: Quality Approved / 05-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3188
Ordered Item Lot # 3307196
Ordered Item Description CoQ10 30mg 120 VCAPS
Bulk Prod Code 53181
Bulk Prod Lot # 3304759
Expiration Date 02-AUG-28
Manufacture Date 04-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 359 ppb	QCM3.016	205 ppb
Arsenic µg/day	0.0 - 0.4 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 266 ppb	QCM3.016	22 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 266 ppb	QCM3.016	36 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 266 ppb	QCM3.016	8 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Total Heavy Metals	0 - 10,000 ppb	QCM3.016	271 ppb

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Pale yellowish-orange; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	431 - 453 mg	QCM6.021	438 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	355 - 377 mg	QCM6.005	368 mg
Length	NMT 19.7 mm	QCM6.021	18.9 mm

Strength

Test	Specification	Method	Results
CoQ10	30 - 36 mg	QCM4.069	30 mg

Approved By / Date: Quality Approved / 05-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3192
Ordered Item Lot # 3307337
Ordered Item Description CoQ10 50mg + VIT E 50 SGELS
Bulk Prod Code 53193
Bulk Prod Lot # VS230278
Expiration Date 03-AUG-28
Manufacture Date 05-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 166 ppb	QCM3.016	31 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 166 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 166 ppb	QCM3.016	68 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 166 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
d-Alpha Tocopherol RTID	Passes RT ID	MDM3.369	Pass RT ID
Color/Appearance	Reddish-orange to orange-brown	QCM6.008	Conforms
CoQ10 RT ID	Passes RT ID	QCM4.069	Pass RT ID
Odor	Mild to odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	402 - 451 mg	QCM6.021	445 mg
Disintegration - Water	0 - 60 min	QCM6.020	7 min
Fill Weight	267 - 316 mg	QCM6.005	273 mg
Length	NMT 14.0 mm	QCM6.021	12.6 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
d-alpha Tocopherol	20.1 - 24.2 mg	MDM3.369	20.6 mg
d-alpha Tocopherol (as RRR-alpha Toco.)	20.1 - 24.2 mg RRR-alpha-Tocopherol (Calculated)	MDM3.369	20.6 mg RRR-a-Tocopherol
d-alpha Tocopherol (IU)	30.0 - 36.0 IU (Calculated)	MDM3.369	30.7 IU
CoQ10	50 - 60 mg	QCM4.069	53 mg
Selenium	70 - 84 mcg	QCM3.016	79 mcg

Approved By / Date: Quality Approved / 06-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3210
Ordered Item Lot # 3303735
Ordered Item Description CoQ10 100mg 30 VCAPS
Bulk Prod Code 53210
Bulk Prod Lot # 3298631
Expiration Date 11-JUL-28
Manufacture Date 13-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 194 ppb	QCM3.016	50 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 194 ppb	QCM3.016	12 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 564 ppb	QCM3.016	69 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 194 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Brownish-yellow	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	605 - 636 mg	QCM6.021	627 mg
Disintegration - Water	0 - 60 min	QCM6.020	7 min
Fill Weight	509 - 540 mg	QCM6.005	532 mg
Length	NMT 22.0 mm	QCM6.021	21.6 mm

Strength

Test	Specification	Method	Results
CoQ10	100 - 120 mg	QCM4.069	116 mg

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3251
Ordered Item Lot # 3316960
Ordered Item Description ASTAXANTHIN 4 MG 60 VEG SGELS
Bulk Prod Code 23252
Bulk Prod Lot # 3290246
Expiration Date 01-OCT-26
Manufacture Date 03-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 4145 ppb	QCM3.016	598 ppb
Arsenic µg/day	0.0 - 2.3 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 188 ppb	QCM3.016	1 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 188 ppb	QCM3.016	15 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 188 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Dark red color fill	QCM6.008	Conforms
Odor	Slight tobacco and sweet odor	QCM6.008	Conforms
TLC ID	Matches reference	QCM3.101	Matches Reference

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	390 - 429 mg	QCM6.021	415 mg
Disintegration - Water	0 - 60 min	QCM6.020	20 min
Fill Weight	252 - 278 mg	QCM6.005	245 mg
Length	NMT 15.4mm	QCM6.021	12.7 mm

Strength

Test	Specification	Method	Results
Astaxanthin	4.0 - 5.5 mg	MDM3.351	5.2 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3255
Ordered Item Lot # 3315145
Ordered Item Description MELATONIN 3mg 60 VCAPS
Bulk Prod Code 53255B
Bulk Prod Lot # 3307338
Expiration Date 21-SEP-27
Manufacture Date 22-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 264 ppb	QCM3.016	241 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 264 ppb	QCM3.016	18 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 264 ppb	QCM3.016	44 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 264 ppb	QCM3.016	11 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	450 - 473 mg	QCM6.021	470 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	374 - 397 mg	QCM6.005	391 mg
Length	NMT 19.7mm	QCM6.021	18.8 mm

Strength

Test	Specification	Method	Results
Melatonin	3.0 - 3.7 mg	QCM1.019	3.4 mg

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3257
Ordered Item Lot # 3311175
Ordered Item Description MELATONIN 3mg 180 VCAPS
Bulk Prod Code 53255B
Bulk Prod Lot # 3306957
Expiration Date 28-AUG-27
Manufacture Date 30-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 264 ppb	QCM3.016	232 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 264 ppb	QCM3.016	19 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 264 ppb	QCM3.016	35 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 264 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to off-white; may contain light to dark brown speckles	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	450 - 473 mg	QCM6.021	455 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	374 - 397 mg	QCM6.005	386 mg
Length	NMT 19.7mm	QCM6.021	18.8 mm

Strength

Test	Specification	Method	Results
Melatonin	3.0 - 3.7 mg	QCM1.019	3.4 mg

Approved By / Date: Quality Approved / 20-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3258
Ordered Item Lot # 3299983
Ordered Item Description MELATONIN 3mg 90 LOZ
Bulk Prod Code 53258
Bulk Prod Lot # 3296122SK
Expiration Date 11-JUN-26
Manufacture Date 13-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 376 ppb	QCM3.016	23 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 376 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 376 ppb	QCM3.016	61 ppb
Lead µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 376 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/ 25 g	QCMB010	Negative/25g
Salmonella	Negative/ 25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White	QCM6.008	Conforms
Odor	Slight mint odor	QCM6.008	Conforms
Taste/Mouth feel	Sweet mint taste	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	265 - 279 mg	QCM6.021	271 mg
Friability	NMT 5.0%	QCM6.017	0.2 %
Hardness	2 - 6 kp	QCM6.016	3 kp
Tablet Thickness	4.69 - 5.00 mm	QCM6.021	4.83 mm

Strength

Test	Specification	Method	Results
Melatonin	3.0 - 3.6 mg	QCM1.019	3.4 mg
Pyridoxine	3.0 - 3.6 mg	QCM3.177	3.4 mg

Approved By / Date: Quality Approved / 01-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3270
Ordered Item Lot # 3305072
Ordered Item Description SHARK CARTILAGE 750mg 100 CAPS
Bulk Prod Code 53270
Bulk Prod Lot # 3302819
Expiration Date 21-JUL-26
Manufacture Date 22-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 958 ppb	QCM3.016	205 ppb
Arsenic µg/day	0.0 - 5.0 µg/day	QCM3.016	1.0 µg/day
Cadmium	0 - 384 ppb	QCM3.016	243 ppb
Cadmium µg/day	0.0 - 2.0 µg/day	QCM3.016	1.2 µg/day
Lead	0 - 1496 ppb	QCM3.016	779 ppb
Lead µg/day	0.0 - 7.8 µg/day	QCM3.016	3.9 µg/day
Mercury	0 - 135 ppb	QCM3.016	74 ppb
Mercury µg/day	0.0 - 0.7 µg/day	QCM3.016	0.4 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slightly off-white	QCM6.008	Conforms
Odor	Odorless to slight fishy odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	940 - 987 mg	QCM6.021	958 mg
Disintegration - Water	0 - 60 min	QCM6.020	11 min
Fill Weight	822 - 869 mg	QCM6.005	836 mg
Length	NMT 23.6 mm	QCM6.021	22.5 mm

Strength

Test	Specification	Method	Results
Calcium Class II	NLT 166.7 mg	QCM3.263	188.5 mg
Sodium Class II	6.0 - 13.0 mg	QCM3.263	6.7 mg

Approved By / Date: Quality Approved / 05-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3303
Ordered Item Lot # 3301001
Ordered Item Description BRAIN ELEVATE FORMULA 60 VCAPS
Bulk Prod Code 53303B
Bulk Prod Lot # 3297345
Expiration Date 19-JUN-25
Manufacture Date 21-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 809 ppb	QCM3.016	79 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 242 ppb	QCM3.016	15 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 403 ppb	QCM3.016	45 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 242 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Carnosic Acid RT ID	Passes RT ID	QCM3.264	Pass RT ID
Choline RT ID	Passes RT ID	QCM3.265	Pass RT ID
Color/Appearance	Brown/khaki	QCM6.008	Conforms
L-Glutamine RT ID	Passes RT ID	QCM3.132	Pass RT ID
Odor	Odorless to herbal odor	QCM6.008	Conforms
Phosphatidyl Serine RT ID	Passes RT ID	MDM3.329	Pass RT ID

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	681 - 716 mg	QCM6.021	691 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	586 - 621 mg	QCM6.005	604 mg
Length	NMT 22.0 mm	QCM6.021	21.0 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Carnosic Acid	1.5 - 2.0 mg	QCM3.264	1.7 mg
Choline	50 - 65 mg	QCM3.265	53 mg
Gingkolides	NLT 3.6 mg	JUST.090	Acceptable per Justification
Ginkgo flavonglycosides	14.4 - 20.0 mg	MDM3.006	Pass
L-Glutamine	125 - 150 mg	QCM3.132	143 mg
Phosphatidyl Serine	15 - 18 mg	MDM3.329	16 mg

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3347
Ordered Item Lot # 3303065
Ordered Item Description CAPRYLIC ACID 600MG 100 SGELS
Bulk Prod Code 53347
Bulk Prod Lot # 3300880
Expiration Date 06-JUL-26
Manufacture Date 07-JUL-23

Contaminants/Adulterants

Test	Specification	Method	Results
Acid Value	NMT 0.1 mg KOH/g	QCM6.011	0.1 mg KOH/g

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 143 ppb	QCM3.016	31 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 49 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 143 ppb	QCM3.016	24 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 49 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g
Total Yeast and Mold	<100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	<1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Slightly translucent shell with clear light yellow to colorless oily fill	QCM6.008	Conforms
Odor	Odorless to mild oily odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1440 - 1584 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	7 min
Fill Weight	1000 - 1050 mg	QCM6.005	1024 mg
Length	NMT 27.2 mm	QCM6.021	25.8 mm
Moisture	NMT 10.0%	SPK-OSG-025	6.0 %

Strength

Test	Specification	Method	Results
Caprylic Acid	600 - 770 mg	QCM4.016	699 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3554
Ordered Item Lot # 3305288
Ordered Item Description MELATONIN 5mg SR 120 TABS
Bulk Prod Code 53554B
Bulk Prod Lot # 3300949
Expiration Date 23-JUL-26
Manufacture Date 25-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 739 ppb	QCM3.016	28 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 739 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 1.0 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 739 ppb	QCM3.016	33 ppb
Lead µg/day	0.0 - 1.0 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 739 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 1.0 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light creamish-tan to grayish-beige to light gray, uncoated round tablets	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	135 - 142 mg	QCM6.021	136 mg
Friability	NMT 0.3%	QCM6.017	0.0 %
Hardness	15 - 20 kp	QCM6.016	19 kp
Tablet Thickness	4.00 - 4.30 mm	QCM6.021	4.05 mm

Strength

Test	Specification	Method	Results
Dissolution	NLT 75% (i.e.; NLT 3.75mg) Melatonin released over 4 hours in dissolution tests	COR-QCG-042	4.24 mg
Melatonin	5.0 - 6.0 mg	QCM1.019	5.0 mg

Approved By / Date: Quality Approved / 12-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3555
Ordered Item Lot # 3309348
Ordered Item Description MELATONIN 5mg VCAPS 60 VCAPS
Bulk Prod Code 53555B
Bulk Prod Lot # 3302580
Expiration Date 17-AUG-27
Manufacture Date 18-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 216 ppb	QCM3.016	7 ppb
Arsenic µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 216 ppb	QCM3.016	0 ppb
Cadmium µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 216 ppb	QCM3.016	2 ppb
Lead µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 216 ppb	QCM3.016	0 ppb
Mercury µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	314 - 330 mg	QCM6.021	Pass
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	238 - 254 mg	QCM6.005	253 mg
Length	NMT 19.7 mm	QCM6.021	18.4 mm

Strength

Test	Specification	Method	Results
Melatonin	5.0 - 6.2 mg	QCM1.019	5.7 mg

Approved By / Date: Quality Approved / 01-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3556
Ordered Item Lot # 3309195
Ordered Item Description MELATONIN 5mg VCAPS 180 VCAPS
Bulk Prod Code 53555B
Bulk Prod Lot # 3302580
Expiration Date 17-AUG-27
Manufacture Date 18-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 216 ppb	QCM3.016	7 ppb
Arsenic µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 216 ppb	QCM3.016	0 ppb
Cadmium µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 216 ppb	QCM3.016	2 ppb
Lead µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 216 ppb	QCM3.016	0 ppb
Mercury µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	314 - 330 mg	QCM6.021	331 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	238 - 254 mg	QCM6.005	253 mg
Length	NMT 19.7 mm	QCM6.021	18.4 mm

Strength

Test	Specification	Method	Results
Melatonin	5.0 - 6.2 mg	QCM1.019	5.7 mg

Approved By / Date: Quality Approved / 24-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3557
Ordered Item Lot # 3297270
Ordered Item Description MELATONIN 10 MG 100 VCAPS
Bulk Prod Code 53557
Bulk Prod Lot # 3294589
Expiration Date 21-MAY-27
Manufacture Date 22-MAY-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 216 ppb	QCM3.016	30 ppb
Arsenic µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 216 ppb	QCM3.016	2 ppb
Cadmium µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 216 ppb	QCM3.016	48 ppb
Lead µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day
Mercury	0 - 216 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.05 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	White to slight off-white	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	314 - 330 mg	QCM6.021	321 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	238 - 254 mg	QCM6.005	248 mg
Length	NMT 20.0 mm	QCM6.021	18.5 mm

Strength

Test	Specification	Method	Results
Melatonin	10 - 12 mg	QCM1.019	11 mg

Approved By / Date: Quality Approved / 23-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3797
Ordered Item Lot # 3312712
Ordered Item Description EVE WOMAN'S MULTI VIT 180 TABS
Bulk Prod Code 53795D
Bulk Prod Lot # 3256662
Expiration Date 08-SEP-25
Manufacture Date 10-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 629 ppb	QCM3.016	155 ppb
Arsenic µg/day	0.0 - 3.0 µg/day	QCM3.016	0.7 µg/day
Cadmium	0 - 210 ppb	QCM3.016	153 ppb
Cadmium µg/day	0.0 - 1.0 µg/day	QCM3.016	0.7 µg/day
Lead	0 - 105 ppb	QCM3.016	83 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.4 µg/day
Mercury	0 - 63 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Green with yellow speckles, coated tablets	QCM6.008	Conforms
Odor	Odorless to vitamin-like odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1514 - 1591 mg	QCM6.021	1577 mg
Disintegration - Water	0 - 60 min	QCM6.020	54 min

Strength

Test	Specification	Method	Results
d-alpha Tocopherol Succinate	55.1 - 66.1 mg	MDM1.024	62.2 mg
d-alpha Tocopheryl Succinate (IU)	66.7 - 80.0 IU (Calculated)	MDM1.024	75.3 IU



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
d-alpha Toco. Succ. (as RRR-alpha Toco.)	44.7 - 53.6 mg RRR-alpha-Tocopherol (Calculated)	MDM1.024	50.5 mg RRR-a-Tocopherol
Alpha Lipoic Acid	NLT 10 mg	JUST.059	Acceptable per Justification
Ascorbic Acid	100 - 120 mg	QCM4.001	102 mg
Beta Carotene (IU)	NLT 3333.3 IU	JUST.059	Acceptable per Justification
Beta Carotene (RAE)	NLT 1000.0 mcg RAE	JUST.059	Acceptable per Justification
Beta-Carotene	NLT 2000.0 mcg	JUST.059	Acceptable per Justification
Biotin	100 - 144 mcg	MDM3.389	123 mcg
Calcium	83.3 - 110.0 mg	QCM3.263	97.8 mg
Choline	8.3 - 10.0 mg	QCM3.265	9.1 mg
Chromium	40 - 65 mcg	QCM3.263	54 mcg
Copper	333.3 - 465.0 mcg	QCM3.263	433.4 mcg
CoQ10	10 - 12 mg	QCM4.069	11 mg
Ergocalciferol	NLT 8.3 mcg	JUST.059	Acceptable per Justification
Ergocalciferol (IU)	NLT 333.3 IU	JUST.059	Acceptable per Justification
Folic Acid	266.7 - 410.6 mcg	MDM3.390	290.2 mcg
Folic Acid (DFE)	453.4 - 698.0 mcg (Calculated)	MDM3.390	493.3 mcg DFE
Inositol	8.3 - 10.0 mg	QCM3.249	9.2 mg
Inositol Hexanicotinate	8.3 - 10.0 mg	QCM4.008	Pass
Iodine	50 - 90 mcg	QCM3.148	78 mcg
Iron	6.0 - 7.4 mg	QCM3.263	6.6 mg
Lutein	NLT 166.7 mcg	JUST.059	Acceptable per Justification
Lycopene	NLT 166.7 mcg	JUST.059	Acceptable per Justification
Magnesium	33.0 - 50.0 mg	QCM3.263	43.3 mg
Manganese	0.67 - 1.10 mg	QCM3.263	0.98 mg
Methylcobalamin	66.7 - 95.5 mcg	QCM3.016	86.8 mcg
Molybdenum	25 - 55 mcg	QCM3.263	31 mcg
Niacin	NLT 1.7 mg	JUST.059	Acceptable per Justification
Niacinamide	8.3 - 12.0 mg	QCM3.177	9.0 mg
Pantothenic Acid	16.7 - 22.0 mg	MDM3.392	20.4 mg
Potassium	8.3 - 11.5 mg	QCM3.263	9.8 mg
Pyridoxine	6.7 - 10.0 mg	QCM3.177	7.3 mg
P-5-P	NLT 1.7 mg	JUST.059	Acceptable per Justification
Riboflavin	8.3 - 12.0 mg	QCM3.177	10.2 mg



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
Selenium	66.7 - 100.0 mcg	QCM3.263	81.8 mcg
Thiamin	8.3 - 12.0 mg	QCM3.177	9.1 mg
Vitamin K-1 (Phytonadione)	11.7 - 70.0 mcg	MDM3.299	16.3 mcg
Vitamin K-2 (Menaquinone) (MK-4)	15 - 27 mcg	MDM3.299	25 mcg
Zinc	5.0 - 6.5 mg	QCM3.263	5.9 mg

Approved By / Date: Quality Approved / 12-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3798
Ordered Item Lot # 3316669
Ordered Item Description EVE WOMAN'S MULTI 120 VCAPS
Bulk Prod Code 53798B
Bulk Prod Lot # 3311669
Expiration Date 28-SEP-26
Manufacture Date 30-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 847 ppb	QCM3.016	249 ppb
Arsenic µg/day	0.0 - 3.0 µg/day	QCM3.016	0.9 µg/day
Cadmium	0 - 368 ppb	QCM3.016	288 ppb
Cadmium µg/day	0.0 - 1.3 µg/day	QCM3.016	1.0 µg/day
Lead	0 - 141 ppb	QCM3.016	84 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 85 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative / 25 g	QCMB010	Negative/25g
Salmonella	Negative / 25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Tan to khaki-beige with dark speckles	QCM6.008	Conforms
Odor	Slight vitamin odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	966 - 1015 mg	QCM6.021	1004 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	836 - 885 mg	QCM6.005	863 mg
Length	NMT 25.6 mm	QCM6.021	25.0 mm

Strength

Test	Specification	Method	Results
d-alpha Tocopherol Succinate	41.3 - 49.6 mg	MDM3.369	47.1 mg
d-alpha Tocopheryl	50.0 - 60.0 IU (Calculated)	MDM3.369	57.0 IU



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
Succinate (IU)			
Alpha Lipoic Acid	NLT 7.5 mg	JUST.060	Acceptable per Justification
Ascorbic Acid	75 - 95 mg	QCM4.001	93 mg
Beta Carotene	NLT 1500.0 mcg	JUST.060	Acceptable per Justification
Beta Carotene (IU)	NLT 2500.0 IU	JUST.060	Acceptable per Justification
Beta Carotene (RAE)	NLT 750.0 mcg RAE	JUST.060	Acceptable per Justification
Biotin	75 - 108 mcg	MDM3.389	106 mcg
Calcium	62.5 - 82.5 mg	QCM3.263	72.6 mg
Choline	6.25 - 7.50 mg	QCM3.265	7.28 mg
Chromium	30 - 45 mcg	QCM3.263	39 mcg
Copper	250 - 350 mcg	QCM3.263	334 mcg
CoQ10	7.5 - 9.0 mg	QCM4.069	7.7 mg
Ergocalciferol	NLT 6.3 mcg	JUST.060	Acceptable per Justification
Ergocalciferol (IU)	NLT 250.0 IU	JUST.060	Acceptable per Justification
Folic Acid	200.0 - 308.0 mcg	MDM3.390	239.9 mcg
Folic Acid (DFE)	340.0 - 523.6 mcg (Calculated)	MDM3.390	407.8 mcg DFE
Inositol	NLT 6.25 mg	JUST.060	Acceptable per Justification
Iodine	37.5 - 65.0 mcg	QCM3.148	60.3 mcg
Lutein	125 - 175 mcg	QCM3.111	136 mcg
Lycopene	NLT 125 mcg	JUST.060	Acceptable per Justification
Magnesium	25 - 35 mg	QCM3.263	33 mg
Manganese	0.50 - 0.80 mg	QCM3.263	0.71 mg
Methylcobalamin	50 - 80 mcg	QCM3.016	67 mcg
Molybdenum	18.75 - 37.50 mcg	QCM3.263	27.19 mcg
Niacin	1.25 - 1.82 mg	QCM4.008	1.47 mg
Niacinamide	NLT 6.25 mg	JUST.060	Acceptable per Justification
Pantothenic Acid	12.5 - 17.5 mg	MDM3.392	14.5 mg
Potassium	6.25 - 9.00 mg	QCM3.263	8.11 mg
Pyridoxine	NLT 5.0 mg	JUST.060	Acceptable per Justification
P-5-P	NLT 1.25 mg	JUST.060	Acceptable per Justification
Riboflavin	NLT 6.25 mg	JUST.060	Acceptable per Justification



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
RRR-alpha-Tocopherol	33.5 - 40.2 mg RRR-alpha-Tocopherol (Calculated)	MDM3.369	38.2 mg RRR-a-Tocopherol
Selenium	50 - 70 mcg	QCM3.263	62 mcg
Thiamin	NLT 6.25 mg	JUST.060	Acceptable per Justification
Vitamin K-1 (Phytonadione)	8.75 - 13.65 mcg	MDM3.299	10.67 mcg
Vitamin K-2 (Menaquinone) (MK-4)	11.25 - 14.85 mcg	MDM3.299	13.81 mcg
Zinc	3.75 - 5.0 mg	QCM3.263	4.69 mg

Approved By / Date: Quality Approved / 02-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3802
Ordered Item Lot # 3304876
Ordered Item Description EVE WOMAN'S MULTI 90 SGELS
Bulk Prod Code 53802B
Bulk Prod Lot # VS220276-1
Expiration Date 20-JUL-25
Manufacture Date 21-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 1007 ppb	QCM3.016	118 ppb
Arsenic µg/day	0.0 - 5.0 µg/day	QCM3.016	0.5 µg/day
Cadmium	0 - 202 ppb	QCM3.016	110 ppb
Cadmium µg/day	0.0 - 1.0 µg/day	QCM3.016	0.5 µg/day
Lead	0 - 101 ppb	QCM3.016	74 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 61 ppb	QCM3.016	7 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
d-Alpha Tocopherol RTID	Passes RT ID	QCM1.008	Pass RT ID
Ascorbic Acid RT ID	Passes RT ID	QCM4.001	Pass RT ID
Color/Appearance	Light brown to carob brown to dark brown-black color	QCM6.008	Conforms
Niacin RTID	Passes RT ID	QCM3.177	Pass RT ID
Odor	Mild vitamin-like odor	QCM6.008	Conforms
Pantothenic Acid RT ID	Passes RT ID	QCM3.177	Pass RT ID
Pyridoxine RTID	Passes RT ID	QCM3.177	Pass RT ID
Riboflavin RTID	Passes RT ID	QCM3.177	Pass RT ID

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1979 - 2225 mg	QCM6.021	2005 mg
Disintegration - Water	0 - 60 min	QCM6.020	19 min
Fill Weight	1409 - 1655 mg	QCM6.005	1481 mg
Length	NMT 28.0mm	QCM6.021	26.2 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
d-alpha Tocopherol	33.6 - 40.3 mg	QCM1.008	36.0 mg
d-alpha Tocopherol (as RRR-alpha-Toco.)	33.6 - 40.3 mg RRR-alpha-Tocopherol (Calculated)	QCM1.008	36.0 mg RRR-a-Tocopherol
d-alpha Tocopherol (IU)	50.0 - 60.0 IU (Calculated)	QCM1.008	53.6 IU
Alpha Lipoic Acid	NLT 8.3 mg	JUST.050	Acceptable per Justification
Ascorbic Acid	66.7 - 85.0 mg	QCM4.001	77.5 mg
Beta Carotene (IU)	NLT 1667 IU (Calculated)	JUST.050	Acceptable per Justification
Beta Carotene (RAE)	NLT 500 mcg RAE (Calculated)	JUST.050	Acceptable per Justification
Beta-Carotene	NLT 1000 mcg	JUST.050	Acceptable per Justification
Biotin	100 - 127 mcg	MDM3.389	121 mcg
Calcium	46.7 - 59.0 mg	QCM3.263	52.8 mg
Cholecalciferol	NLT 8.3 mcg	JUST.050	Acceptable per Justification
Cholecalciferol (IU)	NLT 333.3 IU (Calculated)	JUST.050	Acceptable per Justification
Choline	8.3 - 10.0 mg	QCM3.265	8.8 mg
Chromium	40 - 60 mcg	QCM3.263	51 mcg
Copper	333.3 - 500.0 mcg	QCM3.263	391.4 mcg
Co-Enzyme Q10	NLT 3.3 mg	JUST.050	Acceptable per Justification
Folic Acid	266.7 - 408.3 mcg	MDM3.390	278.6 mcg
Folic Acid (DFE)	453.4 - 694.1 mcg (Calculated)	MDM3.390	473.6 mcg DFE
Inositol	8.3 - 10.0 mg	QCM3.249	9.0 mg
Iodine	75 - 110 mcg	QCM3.148	93 mcg
Iron	2.0 - 2.4 mg	QCM3.263	2.1 mg
Lutein	NLT 166.7 mcg	JUST.050	Acceptable per Justification
Lycopene	NLT 166.7 mcg	JUST.050	Acceptable per Justification
Magnesium	33.3 - 45.0 mg	QCM3.263	39.0 mg
Manganese	0.67 - 0.90 mg	QCM3.263	0.82 mg
Methylcobalamin	40 - 60 mcg	QCM3.016	48 mcg
Molybdenum	25 - 40 mcg	QCM3.263	35 mcg
Niacin	8.3 - 11.0 mg	QCM3.177	8.6 mg
Pantothenic Acid	16.7 - 22.0 mg	QCM3.177	19.0 mg
Potassium	8.3 - 11.0 mg	QCM3.263	10.3 mg
Pyridoxine	8.3 - 11.0 mg	QCM3.177	9.9 mg
Riboflavin	8.3 - 11.0 mg	QCM3.177	9.1 mg
Selenium	66.7 - 100.0 mcg	QCM3.263	93.2 mcg



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
Silica	NLT 1.3 mg	JUST.050	Acceptable per Justification
Thiamin	NLT 8.3 mg	JUST.050	Acceptable per Justification
Vitamin K-1 (Phytonadione)	NLT 11.7 mcg	JUST.050	Acceptable per Justification
Vitamin K-2 (Menaquinone)	NLT 15 mcg	JUST.050	Acceptable per Justification
Zinc	5.0 - 6.5 mg	QCM3.263	5.2 mg

Approved By / Date: Quality Approved / 28-JUL-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3803
Ordered Item Lot # 3316780
Ordered Item Description EVE WOMAN'S MULTI 180 SGELS
Bulk Prod Code 53802B
Bulk Prod Lot # VS220352
Expiration Date 30-SEP-25
Manufacture Date 01-OCT-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 1007 ppb	QCM3.016	99 ppb
Arsenic µg/day	0.0 - 5.0 µg/day	QCM3.016	0.4 µg/day
Cadmium	0 - 202 ppb	QCM3.016	105 ppb
Cadmium µg/day	0.0 - 1.0 µg/day	QCM3.016	0.5 µg/day
Lead	0 - 101 ppb	QCM3.016	62 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 61 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
d-Alpha Tocopherol RTID	Passes RT ID	QCM1.008	Pass RT ID
Ascorbic Acid RT ID	Passes RT ID	QCM4.001	Pass RT ID
Color/Appearance	Light brown to carob brown to dark brown-black color	QCM6.008	Conforms
Niacin RTID	Passes RT ID	QCM3.177	Pass RT ID
Odor	Mild vitamin-like odor	QCM6.008	Conforms
Pantothenic Acid RT ID	Passes RT ID	QCM3.177	Pass RT ID
Pyridoxine RTID	Passes RT ID	QCM3.177	Pass RT ID
Riboflavin RTID	Passes RT ID	QCM3.177	Pass RT ID

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1979 - 2225 mg	QCM6.021	2102 mg
Disintegration - Water	0 - 60 min	QCM6.020	11 min
Fill Weight	1409 - 1655 mg	QCM6.005	1488 mg
Length	NMT 28.0mm	QCM6.021	26.8 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
d-alpha Tocopherol	33.6 - 40.3 mg	QCM1.008	37.0 mg
d-alpha Tocopherol (as RRR-alpha-Toco.)	33.6 - 40.3 mg RRR-alpha-Tocopherol (Calculated)	QCM1.008	37.0 mg RRR-a-Tocopherol
d-alpha Tocopherol (IU)	50.0 - 60.0 IU (Calculated)	QCM1.008	55.1 IU
Alpha Lipoic Acid	NLT 8.3 mg	JUST.050	Acceptable per Justification
Ascorbic Acid	66.7 - 85.0 mg	QCM4.001	75.0 mg
Beta Carotene (IU)	NLT 1667 IU (Calculated)	JUST.050	Acceptable per Justification
Beta Carotene (RAE)	NLT 500 mcg RAE (Calculated)	JUST.050	Acceptable per Justification
Beta-Carotene	NLT 1000 mcg	JUST.050	Acceptable per Justification
Biotin	100 - 127 mcg	MDM3.389	120 mcg
Calcium	46.7 - 59.0 mg	QCM3.263	55.6 mg
Cholecalciferol	NLT 8.3 mcg	JUST.050	Acceptable per Justification
Cholecalciferol (IU)	NLT 333.3 IU (Calculated)	JUST.050	Acceptable per Justification
Choline	8.3 - 10.0 mg	QCM3.265	8.6 mg
Chromium	40 - 60 mcg	QCM3.263	53 mcg
Copper	333.3 - 500.0 mcg	QCM3.263	412.1 mcg
Co-Enzyme Q10	NLT 3.3 mg	JUST.050	Acceptable per Justification
Folic Acid	266.7 - 408.3 mcg	MDM3.390	348.3 mcg
Folic Acid (DFE)	453.4 - 694.1 mcg (Calculated)	MDM3.390	592.1 mcg DFE
Inositol	8.3 - 10.0 mg	QCM3.249	8.6 mg
Iodine	75 - 110 mcg	QCM3.148	83 mcg
Iron	2.0 - 2.4 mg	QCM3.263	2.3 mg
Lutein	166.7 - 200.0 mcg	QCM3.111	177.3 mcg
Lycopene	NLT 166.7 mcg	JUST.050	Acceptable per Justification
Magnesium	33.3 - 45.0 mg	QCM3.263	38.5 mg
Manganese	0.67 - 0.90 mg	QCM3.263	0.85 mg
Methylcobalamin	40 - 60 mcg	QCM3.016	44 mcg
Molybdenum	25 - 40 mcg	QCM3.263	36 mcg
Niacin	8.3 - 11.0 mg	QCM3.177	8.4 mg
Pantothenic Acid	16.7 - 22.0 mg	QCM3.177	20.4 mg
Potassium	8.3 - 11.0 mg	QCM3.263	10.6 mg
Pyridoxine	8.3 - 11.0 mg	QCM3.177	9.9 mg
Riboflavin	8.3 - 11.0 mg	QCM3.177	9.1 mg
Selenium	66.7 - 100.0 mcg	QCM3.263	95.1 mcg
Silica	NLT 1.3 mg	JUST.050	Acceptable per



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
			Justification
Thiamin	NLT 8.3 mg	JUST.050	Acceptable per Justification
Vitamin K-1 (Phytonadione)	NLT 11.7 mcg	JUST.050	Acceptable per Justification
Vitamin K-2 (Menaquinone)	NLT 15 mcg	JUST.050	Acceptable per Justification
Zinc	5.0 - 6.5 mg	QCM3.263	5.5 mg

Approved By / Date: Quality Approved / 09-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3890
Ordered Item Lot # 3311618
Ordered Item Description MEN'S ACTIVE SPORTS MULTI 90 SGELS
Bulk Prod Code 53890B
Bulk Prod Lot # VS220355
Expiration Date 07-SEP-25
Manufacture Date 08-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 232 ppb	QCM3.016	84 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 116 ppb	QCM3.016	80 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Lead	0 - 116 ppb	QCM3.016	79 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 70 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
d-alpha Tocopheryl Acetate RT ID	Passes RT ID	QCM1.008	Pass RT ID
Alpha Lipoic Acid RTID	Passes RT ID	MDM1.051	Pass RT ID
Ascorbic Acid RT ID	Passes RT ID	QCM4.001	Pass RT ID
Beta Carotene RT ID	Passes RT ID	QCM3.027	Pass RT ID
Biotin RT ID	Passes RT ID	MDM3.389	Pass RT ID
Cholecalciferol RT ID	Passes RT ID	MDM4.057	Pass RT ID
Color/Appearance	Brown to carob brown	QCM6.008	Conforms
Folic Acid RTID	Passes RT ID	MDM3.390	Pass RT ID
Lutein RTID	Passes RT ID	QCM3.111	Pass RT ID
Niacinamide RTID	Passes RT ID	QCM3.177	Pass RT ID
Odor	Odorless to slight oily, vitamin-like odor	QCM6.008	Conforms
Pantothenic Acid RT ID	Passes RT ID	MDM3.392	Pass RT ID
Pyridoxine RTID	Passes RT ID	QCM3.177	Pass RT ID
Riboflavin RTID	Passes RT ID	QCM3.177	Pass RT ID
Thiamin RTID	Passes RT ID	QCM3.177	Pass RT ID



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1731 - 1947 mg	QCM6.021	1869 mg
Disintegration - Water	0 - 60 min	QCM6.020	15 min
Fill Weight	1271 - 1441 mg	QCM6.005	1340 mg
Length	NMT 26.8mm	QCM6.021	26.5 mm

Strength

Test	Specification	Method	Results
d-alpha Tocopheryl Acetate	24.5 - 29.4 mg	QCM1.008	26.7 mg
d-alpha Tocopheryl Acetate (IU)	33.3 - 40.0 IU (Calculated)	QCM1.008	36.3 IU
d-alpha Toco. Acet. (as RRR-alpha-Toco.)	22.3 - 26.8 mg RRR-alpha-Tocopherol (Calculated)	QCM1.008	24.3 mg RRR-a-Tocopherol
Alpha Lipoic Acid	16.7 - 20.0 mg	MDM1.051	17.2 mg
Ascorbic Acid	40 - 55 mg	QCM4.001	43 mg
Beta Carotene	1000.0 - 1450.0 mcg	QCM3.027	1260.4 mcg
Beta Carotene (IU)	1666.7 - 2416.7 IU (Calculated)	QCM3.027	2100.7 IU
Beta Carotene (RAE)	500.0 - 725.0 mcg RAE (Calculated)	QCM3.027	630.2 mcg RAE
Biotin	100 - 185 mcg	MDM3.389	144 mcg
Calcium	16.7 - 26.0 mg	QCM3.263	22.9 mg
Cholecalciferol	8.3 - 12.5 mcg	MDM4.057	9.7 mcg
Cholecalciferol (IU)	333.3 - 500.0 IU (Calculated)	MDM4.057	388.0 IU
Chromium	66.7 - 85.0 mcg	QCM3.263	82.9 mcg
Copper	0.67 - 0.90 mg	QCM3.263	0.75 mg
Folic Acid	133.3 - 215.0 mcg	MDM3.390	Pass
Folic Acid (DFE)	226.6 - 365.5 mcg DFE (Calculated)	MDM3.390	226.4 mcg DFE
Iodine	75 - 120 mcg	QCM3.148	116 mcg
Lutein	166.7 - 220.0 mcg	QCM3.111	207.7 mcg
Lycopene	NLT 166.7 mcg	JUST.162	Acceptable per Justification
Magnesium	8.3 - 14.0 mg	QCM3.263	13.0 mg
Manganese	0.67 - 0.90 mg	QCM3.263	0.80 mg
Methylcobalamin	333.3 - 475.0 mcg	QCM3.016	394.1 mcg
Molybdenum	25 - 40 mcg	QCM3.263	37 mcg
Niacinamide	13.3 - 15.5 mg	QCM3.177	Pass
Pantothenic Acid	16.7 - 25.0 mg	MDM3.392	17.0 mg
Pyridoxine	16.7 - 25.0 mg	QCM3.177	20.4 mg
Riboflavin	16.7 - 25.0 mg	QCM3.177	23.0 mg
Selenium	66.7 - 105.0 mcg	QCM3.263	103.6 mcg
Thiamin	16.7 - 25.0 mg	QCM3.177	21.1 mg
Vitamin K-1 (Phytonadione)	NLT 6.7 mcg	JUST.164	Acceptable per



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
			Justification
Vitamin K-2 (Menaquinone) (MK-4)	NLT 8.3 mcg	JUST.164	Acceptable per Justification
Zinc	5.0 - 6.6 mg	QCM3.263	5.9 mg

Approved By / Date: Quality Approved / 15-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 3891
Ordered Item Lot # 3312406
Ordered Item Description MEN'S ACTIVE SPORTS MULTI 180 SGELS
Bulk Prod Code 53890B
Bulk Prod Lot # VS220355
Expiration Date 07-SEP-25
Manufacture Date 08-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 232 ppb	QCM3.016	84 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 116 ppb	QCM3.016	80 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Lead	0 - 116 ppb	QCM3.016	79 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 70 ppb	QCM3.016	2 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 100 cfu/g	QCMB010	< 100 cfu/g
TVC/TAC	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g

Identification

Test	Specification	Method	Results
d-alpha Tocopheryl Acetate RT ID	Passes RT ID	QCM1.008	Pass RT ID
Alpha Lipoic Acid RTID	Passes RT ID	MDM1.051	Pass RT ID
Ascorbic Acid RT ID	Passes RT ID	QCM4.001	Pass RT ID
Beta Carotene RT ID	Passes RT ID	QCM3.027	Pass RT ID
Biotin RT ID	Passes RT ID	MDM3.389	Pass RT ID
Cholecalciferol RT ID	Passes RT ID	MDM4.057	Pass RT ID
Color/Appearance	Brown to carob brown	QCM6.008	Conforms
Folic Acid RTID	Passes RT ID	MDM3.390	Pass RT ID
Lutein RTID	Passes RT ID	QCM3.111	Pass RT ID
Niacinamide RTID	Passes RT ID	QCM3.177	Pass RT ID
Odor	Odorless to slight oily, vitamin-like odor	QCM6.008	Conforms
Pantothenic Acid RT ID	Passes RT ID	MDM3.392	Pass RT ID
Pyridoxine RTID	Passes RT ID	QCM3.177	Pass RT ID
Riboflavin RTID	Passes RT ID	QCM3.177	Pass RT ID
Thiamin RTID	Passes RT ID	QCM3.177	Pass RT ID



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	1731 - 1947 mg	QCM6.021	1869 mg
Disintegration - Water	0 - 60 min	QCM6.020	15 min
Fill Weight	1271 - 1441 mg	QCM6.005	1340 mg
Length	NMT 26.8mm	QCM6.021	26.5 mm

Strength

Test	Specification	Method	Results
d-alpha Tocopheryl Acetate	24.5 - 29.4 mg	QCM1.008	26.7 mg
d-alpha Tocopheryl Acetate (IU)	33.3 - 40.0 IU (Calculated)	QCM1.008	36.3 IU
d-alpha Toco. Acet. (as RRR-alpha-Toco.)	22.3 - 26.8 mg RRR-alpha-Tocopherol (Calculated)	QCM1.008	24.3 mg RRR-alpha-Tocopherol
Alpha Lipoic Acid	16.7 - 20.0 mg	MDM1.051	17.2 mg
Ascorbic Acid	40 - 55 mg	QCM4.001	43 mg
Beta Carotene	1000.0 - 1450.0 mcg	QCM3.027	1260.4 mcg
Beta Carotene (IU)	1666.7 - 2416.7 IU (Calculated)	QCM3.027	2100.7 IU
Beta Carotene (RAE)	500.0 - 725.0 mcg RAE (Calculated)	QCM3.027	630.2 mcg RAE
Biotin	100 - 185 mcg	MDM3.389	144 mcg
Calcium	16.7 - 26.0 mg	QCM3.263	22.9 mg
Cholecalciferol	8.3 - 12.5 mcg	MDM4.057	9.7 mcg
Cholecalciferol (IU)	333.3 - 500.0 IU (Calculated)	MDM4.057	388.0 IU
Chromium	66.7 - 85.0 mcg	QCM3.263	82.9 mcg
Copper	0.67 - 0.90 mg	QCM3.263	0.75 mg
Folic Acid	133.3 - 215.0 mcg	MDM3.390	133.2 mcg
Folic Acid (DFE)	226.6 - 365.5 mcg DFE (Calculated)	MDM3.390	226.4 mcg DFE
Iodine	75 - 120 mcg	QCM3.148	116 mcg
Lutein	166.7 - 220.0 mcg	QCM3.111	207.7 mcg
Lycopene	NLT 166.7 mcg	JUST.162	Acceptable per Justification
Magnesium	8.3 - 14.0 mg	QCM3.263	13.0 mg
Manganese	0.67 - 0.90 mg	QCM3.263	0.80 mg
Methylcobalamin	333.3 - 475.0 mcg	QCM3.016	394.1 mcg
Molybdenum	25 - 40 mcg	QCM3.263	37 mcg
Niacinamide	13.3 - 15.5 mg	QCM3.177	Pass
Pantothenic Acid	16.7 - 25.0 mg	MDM3.392	17.0 mg
Pyridoxine	16.7 - 25.0 mg	QCM3.177	20.4 mg
Riboflavin	16.7 - 25.0 mg	QCM3.177	23.0 mg
Selenium	66.7 - 105.0 mcg	QCM3.263	103.6 mcg
Thiamin	16.7 - 25.0 mg	QCM3.177	21.1 mg
Vitamin K-1 (Phytonadione)	NLT 6.7 mcg	JUST.164	Acceptable per



CERTIFICATE OF ANALYSIS

Test	Specification	Method	Results
			Justification
Vitamin K-2 (Menaquinone) (MK-4)	NLT 8.3 mcg	JUST.164	Acceptable per Justification
Zinc	5.0 - 6.6 mg	QCM3.263	5.9 mg

Approved By / Date: Quality Approved / 18-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 4618
Ordered Item Lot # 3311493
Ordered Item Description CAT'S CLAW 500mg 100 VCAPS
Bulk Prod Code 54618B
Bulk Prod Lot # 3307516SK
Expiration Date 30-AUG-26
Manufacture Date 31-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 155 ppb	QCM3.016	56 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 93 ppb	QCM3.016	8 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 155 ppb	QCM3.016	76 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 93 ppb	QCM3.016	3 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Rusty brown to light brown	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	619-650 mg	QCM6.021	630 mg
Disintegration - Water	0-60 min	QCM6.020	4 min
Fill Weight	512-543 mg	QCM6.005	532 mg
Length	NMT 23.8mm	QCM6.021	23.4 mm

Approved By / Date: Quality Approved / 05-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	4620
Ordered Item Lot #	3300153
Ordered Item Description	CASCARA SAGRADA 450mg 100 VCAPS
Bulk Prod Code	54620B
Bulk Prod Lot #	3295078
Expiration Date	18-JUN-27
Manufacture Date	19-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 215 ppb	QCM3.016	51 ppb
Arsenic µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Cadmium	0 - 215 ppb	QCM3.016	26 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 624 ppb	QCM3.016	206 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 215 ppb	QCM3.016	15 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	< 1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Staph. aureus	Negative/10g	QCMB010	Negative/10g
Total Yeast and Mold	< 2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	< 100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Moderate yellow-brown to dusky yellow-orange	QCM6.008	Conforms
Odor	Slight herbal to herbal odor	QCM6.008	Conforms
TLC ID	Matches reference	QCM3.269	Matches Reference

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	567 - 596 mg	QCM6.021	580 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	460 - 489 mg	QCM6.005	474 mg
Length	NMT 23.8 mm	QCM6.021	23.4 mm

Approved By / Date: Quality Approved / 03-JUL-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 4638
Ordered Item Lot # 3308482
Ordered Item Description TURMERIC CURCUMIN EXTRACT 60 VCAPS
Bulk Prod Code 54638E
Bulk Prod Lot # W0034376
Expiration Date 13-AUG-27
Manufacture Date 14-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 130 ppb	QCM3.016	44 ppb
Arsenic µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 66 ppb	QCM3.016	5 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 130 ppb	QCM3.016	46 ppb
Lead µg/day	0.0 - 0.2 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 66 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Golden yellow to yellow-orange	QCM6.008	Conforms
Curcuminoids RT ID	Passes RT ID	MDM3.315	Pass RT ID
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	910 - 955 mg	QCM6.021	934 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	780 - 825 mg	QCM6.005	799 mg
Length	NMT 26.0 mm	QCM6.021	24.8 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Total Curcuminoids	631.8 - 758.2 mg	MDM3.315	660.2 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 4642
Ordered Item Lot # 3310155
Ordered Item Description CURCUMIN PHYTOSOME 500MG 60 VCAPS
Bulk Prod Code 54642B
Bulk Prod Lot # 3308678
Expiration Date 22-AUG-26
Manufacture Date 24-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 153 ppb	QCM3.016	100 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 92 ppb	QCM3.016	15 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 153 ppb	QCM3.016	53 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 32 ppb	QCM3.016	10 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Orange to light yellow to light golden orange; may contain light to dark brown speckles.	QCM6.008	Conforms
Odor	Odorless to faint/spice aromatic sweetish odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	903 - 948 mg	QCM6.021	924 mg
Disintegration - Water	0 - 60 min	QCM6.020	7 min
Fill Weight	773 - 818 mg	QCM6.005	792 mg
Length	NMT 25.6 mm	QCM6.021	24.4 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Total Curcuminoids	90 - 108 mg	MDM3.315	103 mg

Approved By / Date: Quality Approved / 25-AUG-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	4677
Ordered Item Lot #	3305268
Ordered Item Description	FENUGREEK 500mg 100 VCAPS
Bulk Prod Code	54678C
Bulk Prod Lot #	3304367SK
Expiration Date	23-JUL-26
Manufacture Date	25-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 2992 ppb	QCM3.016	47 ppb
Arsenic µg/day	0.0 - 10.0 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 1227 ppb	QCM3.016	32 ppb
Cadmium µg/day	0.0 - 4.1 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 150 ppb	QCM3.016	81 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 90 ppb	QCM3.016	5 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Yellowish-cream to khaki to light tan	QCM6.008	Conforms
Odor	Odorless to spicy/aromatic odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	621 - 653 mg	QCM6.021	652 mg
Disintegration - Water	0 - 60 min	QCM6.020	20 min
Fill Weight	525 - 557 mg	QCM6.005	550 mg
Length	NMT 22.0mm	QCM6.021	21.6 mm

Approved By / Date: Quality Approved / 05-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 4721
Ordered Item Lot # 3300339
Ordered Item Description MACA 500mg 100 VCAPS
Bulk Prod Code 54726C
Bulk Prod Lot # 3299278SK
Expiration Date 13-JUN-26
Manufacture Date 15-JUN-23

Contaminants/Adulterants

Test	Specification	Method	Results
Desmethyl Carbodenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Sildenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Sulfoildenafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Tadalafil	None Detected (Annual Test)	COR-QCG-042	None Detected
Vardenafil	None Detected (Annual Test)	COR-QCG-042	None Detected

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 185 ppb	QCM3.016	184 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 619 ppb	QCM3.016	181 ppb
Cadmium µg/day	0.0 - 1.0 µg/day	QCM3.016	0.3 µg/day
Lead	0 - 619 ppb	QCM3.016	367 ppb
Lead µg/day	0.0 - 1.0 µg/day	QCM3.016	0.6 µg/day
Mercury	0 - 64 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Yellowish-brown to dark brown	QCM6.008	Conforms
Odor	Sweet to sweet, nutty odor	QCM6.008	Conforms



CERTIFICATE OF ANALYSIS

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	606 - 637 mg	QCM6.021	628 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	510 - 541 mg	QCM6.005	540 mg
Length	NMT 22.0mm	QCM6.021	21.3 mm

Strength

Test	Specification	Method	Results
Maca (<i>Lepidium meyenii</i>) (Root)	500 mg	By Input	500 mg

Approved By / Date: Quality Approved / 22-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number	8860639
Customer Name	DSN GROUP (BI-JAR)
Ordered Item #	4725
Ordered Item Lot #	3311475
Ordered Item Description	PAU D' ARCO 500mg 100 VCAPS
Bulk Prod Code	54725B
Bulk Prod Lot #	3292391
Expiration Date	31-AUG-27
Manufacture Date	01-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 467 ppb	QCM3.016	161 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 48 ppb	QCM3.016	6 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 467 ppb	QCM3.016	290 ppb
Lead µg/day	0.0 - 1.0 µg/day	QCM3.016	0.6 µg/day
Mercury	0 - 48 ppb	QCM3.016	10 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Medium brown to brown to dark brown	QCM6.008	Conforms
Odor	Odorless to slightly woody odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	613 - 644 mg	QCM6.021	634 mg
Disintegration - Water	0 - 60 min	QCM6.020	5 min
Fill Weight	506 - 537 mg	QCM6.005	525 mg
Length	NMT 23.8mm	QCM6.021	23.4 mm

Approved By / Date: Quality Approved / 05-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 4726
Ordered Item Lot # 3294637
Ordered Item Description PAU D' ARCO 500mg 250 VCAPS
Bulk Prod Code 54725B
Bulk Prod Lot # 3292162
Expiration Date 02-MAY-26
Manufacture Date 03-MAY-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 467 ppb	QCM3.016	156 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 48 ppb	QCM3.016	3 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 467 ppb	QCM3.016	234 ppb
Lead µg/day	0.0 - 1.0 µg/day	QCM3.016	0.5 µg/day
Mercury	0 - 48 ppb	QCM3.016	6 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Medium brown to brown to dark brown	QCM6.008	Conforms
Odor	Odorless to slightly woody odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	613 - 644 mg	QCM6.021	615 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	506 - 537 mg	QCM6.005	528 mg
Length	NMT 23.8mm	QCM6.021	23.3 mm

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 4738
Ordered Item Lot # 3311674
Ordered Item Description SILYMARIN MILK THISTLE 300mg 50 VCAPS
Bulk Prod Code 54738
Bulk Prod Lot # 3308913
Expiration Date 31-AUG-27
Manufacture Date 01-SEP-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 174 ppb	QCM3.016	91 ppb
Arsenic µg/day	0.0 - 0.3 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 60 ppb	QCM3.016	40 ppb
Cadmium µg/day	0.0 - 0.1 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 174 ppb	QCM3.016	89 ppb
Lead µg/day	0.0 - 0.3 µg/day	QCM3.016	0.2 µg/day
Mercury	0 - 60 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.1 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	Mustard to yellowish-brown	QCM6.008	Conforms
Odor	Herbal, slightly sour odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	638 - 670 mg	QCM6.021	655 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	542 - 574 mg	QCM6.005	563 mg
Length	NMT 22.0mm	QCM6.021	21.2 mm



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Silymarin	240 - 305 mg	MDM2.037	274 mg

Approved By / Date: Quality Approved / 11-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 4739
Ordered Item Lot # 3303654
Ordered Item Description SILYMARIN MILK THISTLE 300mg 100 VCAPS
Bulk Prod Code 54738
Bulk Prod Lot # 3300705
Expiration Date 11-JUL-27
Manufacture Date 12-JUL-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 569 ppb	QCM3.016	78 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.1 µg/day
Cadmium	0 - 116 ppb	QCM3.016	20 ppb
Cadmium µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 283 ppb	QCM3.016	67 ppb
Lead µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Mercury	0 - 116 ppb	QCM3.016	4 ppb
Mercury µg/day	0.0 - 0.2 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Mustard to yellowish-brown	QCM6.008	Conforms
Odor	Herbal, slightly sour odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	651 - 684 mg	QCM6.021	680 mg
Disintegration - Water	0 - 60 min	QCM6.020	6 min
Fill Weight	555 - 588 mg	QCM6.005	588 mg
Length	NMT 22.0mm	QCM6.021	21.5 mm

Strength

Test	Specification	Method	Results
Silymarin	240 - 305 mg	MDM2.037	287 mg

Approved By / Date: Quality Approved / 13-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 4747
Ordered Item Lot # 3311432
Ordered Item Description SAW PALMETTO 550mg 100 VCAPS
Bulk Prod Code 54747B
Bulk Prod Lot # 3309762SK
Expiration Date 30-AUG-26
Manufacture Date 31-AUG-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 142 ppb	QCM3.016	69 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.2 µg/day
Cadmium	0 - 142 ppb	QCM3.016	8 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.0 µg/day
Lead	0 - 562 ppb	QCM3.016	79 ppb
Lead µg/day	0.0 - 2.0 µg/day	QCM3.016	0.3 µg/day
Mercury	0 - 84 ppb	QCM3.016	12 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Slight brown to dark earthy brown	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	680 - 714 mg	QCM6.021	694 mg
Disintegration - Water	0 - 60 min	QCM6.020	3 min
Fill Weight	558 - 592 mg	QCM6.005	571 mg
Length	NMT 23.6 mm	QCM6.021	23.1 mm

Approved By / Date: Quality Approved / 15-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 4748
Ordered Item Lot # 3299503
Ordered Item Description SAW PALMETTO 550mg 250 VCAPS
Bulk Prod Code 54747B
Bulk Prod Lot # 3296236
Expiration Date 07-JUN-26
Manufacture Date 08-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 142 ppb	QCM3.016	88 ppb
Arsenic µg/day	0.0 - 0.5 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 142 ppb	QCM3.016	22 ppb
Cadmium µg/day	0.0 - 0.5 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 562 ppb	QCM3.016	143 ppb
Lead µg/day	0.0 - 2.0 µg/day	QCM3.016	0.5 µg/day
Mercury	0 - 84 ppb	QCM3.016	10 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25 g	QCMB010	Negative/25g
Salmonella	Negative/25 g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Slight brown to dark earthy brown	QCM6.008	Conforms
Odor	Odorless	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	680 - 714 mg	QCM6.021	698 mg
Disintegration - Water	0 - 60 min	QCM6.020	4 min
Fill Weight	558 - 592 mg	QCM6.005	588 mg
Length	NMT 23.6 mm	QCM6.021	23.3 mm

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 4750
Ordered Item Lot # 3299033
Ordered Item Description SLIPPERY ELM 400mg 100 VCAPS
Bulk Prod Code 54750D
Bulk Prod Lot # 3298093
Expiration Date 05-JUN-27
Manufacture Date 06-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	0 - 373 ppb	QCM3.016	119 ppb
Arsenic µg/day	0.0 - 1.0 µg/day	QCM3.016	0.3 µg/day
Cadmium	0 - 113 ppb	QCM3.016	21 ppb
Cadmium µg/day	0.0 - 0.3 µg/day	QCM3.016	0.1 µg/day
Lead	0 - 373 ppb	QCM3.016	747 ppb
Lead µg/day	0.0 - 1.0 µg/day	QCM3.016	2.0 µg/day
Mercury	0 - 113 ppb	QCM3.016	13 ppb
Mercury µg/day	0.0 - 0.3 µg/day	QCM3.016	0.0 µg/day

Contaminants/Micro

Test	Specification	Method	Results
Listeria monocytogenes	Negative/25g	QCMB010	Negative/25g
Salmonella	Negative/25g	QCMB010	Negative/25g

Identification

Test	Specification	Method	Results
Color/Appearance	Light brown	QCM6.008	Conforms
Odor	Odorless to sweet odor	QCM6.008	Conforms

Physical

Test	Specification	Method	Results
Average Weight for 10 Units	528 - 555 mg	QCM6.021	551 mg
Disintegration - Water	0 - 60 min	QCM6.020	10 min
Fill Weight	421 - 448 mg	QCM6.005	447 mg
Length	NMT 23.8 mm	QCM6.021	22.2 mm

Approved By / Date: Quality Approved / 05-OCT-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 7683
Ordered Item Lot # 3303776
Ordered Item Description COCONUT OIL PURE 7 OZ
Bulk Prod Code 57683
Bulk Prod Lot # 3297387
Expiration Date 12-JUL-26
Manufacture Date 13-JUL-23

Contaminants/Micro

Test	Specification	Method	Results
TVC/TAC	<100 cfu/g	QCMB010	< 100 cfu/g

Identification

Test	Specification	Method	Results
Color/Appearance	White to pale yellow	QCM6.008	Conforms
Fatty Acid Profile ID	Matches Reference	QCM4.016	Matches Reference
Genus species	Cocos nucifera	COR-QCG-014	Matches Genus Species
Odor	Odorless to slight nutty odor	QCM6.008	Conforms
Plant Part	Fruit flesh (Copra)	COR-QCG-014	Matches Plant Part
Specific Gravity @ 25°C	0.910 - 0.922	QCM6.019	0.918

Approved By / Date: Quality Approved / 29-SEP-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 8090
Ordered Item Lot # L005774
Ordered Item Description Xyliwhite Refreshmint Toothpaste Gel 6.4 OZ
Bulk Prod Code 56981
Bulk Prod Lot # 3282157
Expiration Date 31-MAY-26
Manufacture Date 25-APR-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	28 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	12 ppb
Mercury	NMT 400 ppb	QCM3.016	1 ppb

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g
Water Activity	<0.80	QCM6.023	0.29 aW

Identification

Test	Specification	Method	Results
Color/Appeara	White	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
Odor	Odorless	QCM6.008	Conforms
Taste/Mouth feel	Sweet taste with cooling sensation in the mouth	QCM6.008	Conforms
Xylitol RTID	Passes RT ID	QCM3.255	Pass RT ID

Physical

Test	Specification	Method	Results
Density - Bulk	0.80 - 1.00 g/mL	QCM6.013	0.80 g/mL
Density - Tapped	0.90 - 1.10 g/mL	QCM6.013	0.91 g/mL
Mesh Thru #20	10% - 60%	QCM6.024	19 %
Mesh Thru #60	NMT 10%	QCM6.024	0 %
Moisture Determination	NMT 1.0%	QCM6.012	0.1 %



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Xylitol	97.5 - 100.0% As is	QCM3.255	98.6 % As Is

Approved By / Date: Quality Approved / 20-JUL-2023



CERTIFICATE OF ANALYSIS

Order Number 8860639
Customer Name DSN GROUP (BI-JAR)

Ordered Item # 8092
Ordered Item Lot # L005993
Ordered Item Description XYLIWHITE CINNAFRESH TOOTHPASTE 6.4 OZ
Bulk Prod Code 56981
Bulk Prod Lot # 3284651
Expiration Date 30-JUN-26
Manufacture Date 21-JUN-23

Contaminants/Heavy Metals

Test	Specification	Method	Results
Arsenic	NMT 2000 ppb	QCM3.016	33 ppb
Cadmium	NMT 820 ppb	QCM3.016	1 ppb
Lead	NMT 1000 ppb	QCM3.016	56 ppb
Mercury	NMT 400 ppb	QCM3.016	4 ppb

Contaminants/Micro

Test	Specification	Method	Results
Enterobacteria	<1,000 cfu/g	QCMB010	< 1,000 cfu/g
E. coli Detection	Negative/10g	QCMB010	Negative/10g
Salmonella	Negative/25g	QCMB010	Negative / 25 g
Total Yeast and Mold	<2,000 cfu/g	QCMB010	< 2,000 cfu/g
TVC/TAC	<100,000 cfu/g	QCMB010	< 100,000 cfu/g
Water Activity	<0.80	QCM6.023	0.52 aW

Identification

Test	Specification	Method	Results
Color/Appeara	White	QCM6.008	Conforms
FTIR ID	Matches reference	QCM6.006	Matches Reference
Odor	Odorless	QCM6.008	Conforms
Taste/Mouth feel	Sweet taste with cooling sensation in the mouth	QCM6.008	Conforms
Xylitol RTID	Passes RT ID	QCM3.255	Pass RT ID

Physical

Test	Specification	Method	Results
Density - Bulk	0.80 - 1.00 g/mL	QCM6.013	0.81 g/mL
Density - Tapped	0.90 - 1.10 g/mL	QCM6.013	0.91 g/mL
Mesh Thru #20	10% - 60%	QCM6.024	13 %
Mesh Thru #60	NMT 10%	QCM6.024	0 %
Moisture Determination	NMT 1.0%	QCM6.012	0.1 %



CERTIFICATE OF ANALYSIS

Strength

Test	Specification	Method	Results
Xylitol	97.5 - 100.0% As is	QCM3.255	99.9 % As Is

Approved By / Date: Quality Approved / 25-AUG-2023