

CERTIFICATE OF ANALYSIS

Vegan O3 (LO60) with Beta Carotene & Vit E 1000mg

Description: #20 oblong, vegetable gelatin softgel containing 250 mg DHA and 125 mg EPA from (Schizochytrium sp. algae). Pale pinkish oil, neutral characteristic taste. Non-GMO and Vegan. Beta Carotene 2500IU per softgel and Vitamin E (mixed tocopherols) 25IU per softgel.

Product Code	SG978
Product Lot #	16623-56223
Packing Batch	16623-56223

Date of Production	Feb 2023
Expiration Date	Feb 2025

Analytic Parameter	Result	Specification	Method
Appearance	conforms	Clear softgel, yellow liquid	visual
Weight Variation (+-%)	conforms	10	USP
Net Fill Weight (mg)	991.35	1000mg +-7.5%	USP
Total Softgel Weight (mg)	1472.25	1350	USP
Docosahexaenoic acid (DHA)(A%)	32	min 30	SKL 5-31
Docosahexaenoic acid (DHA)(mg/g)	263.5	min 250	SKL 5-31
Eicosapentaenoic acid (EPA)(A%)	15	min 15	SKL 5-31
Eicosapentaenoic acid (EPA)(mg/g)	132	min 125	SKL 5-31
Total Omega 3(mg/g)	579.7	min 550	SKL 5-31
Beta-carotene (iu of Vitamin A per serving / ug per serving)	1500	min 1500	HPLC
Vitamin E (as mixed tocopherols) IU	17.6	min 17	HPLC
Rupture Test (minutes)	6	max 15	USP
Peroxide Value (meq/O2/kg)	0.1	max 5.0	AOCS
Anisidine Value	5	max 20	AOCS
Totox Value	5.2	max 26	Calculation
Moisture and Volatile Matter(%)	<0.1	max 0.02	USP
Free Fatty Acids (%)	.01	max 0.25	SKL 5-20

Analytic Parameter	Result	Specification	Method
Unsaponifiable matter (in pure oil)(%)	conforms	max 4.5	SKL 5-20
Trans Fatty Acid (%)	conforms	max 1	SKL 5-20
Arsenic (ppm)	conforms	max 0.1	ICP-MS
Cadmium (ppm)	conforms	max 0.1	ICP-MS
Copper(ppm)	conforms	max 0.05	ICP-MS
Iron(ppm)	conforms	max 0.2	ICP-MS
Mercury (Hg)(mg/kg)	conforms	max 0.04	ICP-MS
Lead (Pb)(mg/kg)	conforms	max 0.1	ICP-MS

Microbiological Analysis

Analytic Parameter	Result	Specification	Method
Total Aerobic Microbial Count (TAMC) (CFU/g)	<10	Max 1000	USP
Yeast & Mold (cfu/g)	<10	max 25	USP
Salmonella	conforms	Negative	USP
E. Coli	conforms	Negative	USP
S.Aureus	conforms	Negative	USP

Storage: Store in a cool place out of direct sunlight. Shelf life is 3 years from production date.

BSE/TSE Statement: The oil contains no animal products and has not been in contact with animal products. It is therefore free of agents of animal spongiform encephalopathies (bovine spongiform encephalopathy transmissible spongiform encephalopathy).

Allergens: None

I hereby certify that this Certificate of Analysis contains a true and accurate description of the material referenced above.



Nidia Curbelo
Quality Control Mgr.
Icelandirect, LLC

