

Item 304972

VEGAN OMEGA 3 DHA 30% POWDER

PO Number 2021-00-45520
 NutraStar Lot 21024473
 Received 11/24/2021
 Vendor Novotech Nutraceuticals, Inc.
 Vendor Lot 30205811
 Expires 11/29/2023

NET WT: 12.500 KG



Quality Approval of Receipt: *M* Warehouse Approval of Receipt: *DM*

QUALITY:

SPECIFICATION VERSION: _____

Review test results generated by a QC Technician, External Laboratory or stated on the supplier's CoA with the listed specification. Record the review by using the respective specification form.

REVIEW COMPLETED BY: *TDP/ded* DATE: *11/24/2021*

DISPOSITION:

<input checked="" type="checkbox"/> RELEASED – This lot (batch) is approved for use in production, further processing, or distribution.	Quality Signature/Date: <i>San Ruc</i> 11/24/2021
<input type="checkbox"/> RELEASED WITH RESTRICTIONS – This lot (batch) is released for use in production, further processing, or distribution, subject to the following conditions.	Management Signature/Date:
<input type="checkbox"/> REJECTED – This lot (batch) is prohibited from use in production, further processing, or distribution due to the following reasons.	Quality Signature/Date:



RAW MATERIAL SPECIFICATION AND ANALYSIS FORM

MATERIAL DESCRIPTION

SPECIFICATION VERSION: A

Storage Conditions: Ambient

Material Name: Vegan Omega 3 DHA 30% Powder

Item Number: 304972

Lot Number: 21024473

Primary Vendor: Nova Tech
Nutraceuticals

Category: Chemical Entity

REQUIRED TESTS AND EXAMINATION

1. APPEARANCE:

SPECIFICATION	TEST METHOD	ACCEPTANCE CRITERIA	Results
Color	VISUAL	Beige to light beige	Conforms
Texture	MACROSCOPIC	Powder	Conforms

2. IDENTIFICATION:

SPECIFICATION	TEST METHOD	ACCEPTANCE CRITERIA	Results
Identity	IR SOP 03.013	Conforms	99.1

3. STRENGTH (POTENCY):

SPECIFICATION	TEST METHOD	ACCEPTANCE CRITERIA	Results
Assay (DHA)	COA	32 % ± 2%	Conforms
Assay (DPA)	COA	4 % ± 2%	Conforms

4. PHYSICAL CHARACTERISTIC:

SPECIFICATION	TEST METHOD	ACCEPTANCE CRITERIA	Results
Bulk Density	COA	>0.4 g/mL	N/A
Particle Size	COA	N/A	N/A

5. COMPOSITION (EXCIPIENT/CARRIER):

SPECIFICATION	Verified
N/A	N/A



RAW MATERIAL SPECIFICATION AND ANALYSIS FORM

6. CONTAMINANTS:

SPECIFICATION	TEST METHOD	ACCEPTANCE CRITERIA	Results
Microbiology	COA	TAMC <1,000 cfu/g TYMC <100 cfu/g E. Coli Absent/10g Salmonella Absent/10g	Confirms
Heavy Metals	COA	Arsenic < 15µg/g Cadmium < 5µg/g Lead < 5µg/g Mercury < 2µg/g	Confirms

7. QC NOTES:

Bulk Density	N/A
Particle Size	N/A
Strength	N/A
Micro	N/A
Metals	N/A

8. REVISION HISTORY:

Version	Effective Date	Reason for Change
A	11/26/2021	New Document

9. DOCUMENT FORM HISTORY (See form history in SOP 03.011-F03.004)

Prepared by:	ORIGINAL SIGNATURE ON FILE
Approved by:	ORIGINAL SIGNATURE ON FILE



Novotech Nutraceuticals, Inc.

Certificate of Analysis

Product Name: NovoOmega® Omega-3 DHA Powder A-32 (Algae Origin; from Microalgae- Schizochytrium sp.)

Omega-3 Fatty Acid DHA content: 32%

Manufactured Date: 11/30/2020

Product No: 6032

Date of Retest: 11/29/2023

Lot No: 30205811

Manufactured by: Novotech Nutraceuticals, Inc. U. S. A.

Country of Origin: U. S. A.

This is to certify that the above-mentioned product is analyzed by this department to have the results listed below:

Testing Parameters	Limits	Results	Test Method
Omega-3 Fatty Acids -Docosahexaenoic Acid (DHA) -Docosapentaenoic Acid (DPA)	32% \pm 2% 4% \pm 2%	31.5% 3.2%	- AOAC 969.33 - Adopted AOAC 996.06 for Omega-3 Fatty Acid Powder Salt Analysis*
Mineral content - Calcium	6 - 10%	9.0%	USP 42 / EPA 6010B
Appearance	Fine powder	Fine powder	Visual
Color	Beige to light beige	Beige	Visual
Bulk Density	Not less than 0.30 g/cc	Conformed	USP 616
Solubility	Slightly Soluble to Not Soluble	Not Soluble	Standard Lab Soluble Test
Moisture	Not more than 8%	0.7%	USP 731
pH	8-10	8.5	EPA 9045/ USP 791
Lead (ppm)*	Not more than 1.0	<1.0	EPA 6020A/AOAC 974.02
Cadmium (ppm)*	Not more than 0.3	<0.3	EPA 6020A/AOAC 974.02
Mercury (ppm)*	Not more than 0.1	<0.1	EPA 6020A/AOAC 974.02
Arsenic (ppm)*	Not more than 1.0	< 1.0	EPA 6020A/AOAC 974.02
Peroxide value	Not more than 5mEq/kg	0mEq/kg	Titration
Total plate count (cfu/g)	Less than 1,000	<10	USP 61
Yeast & Mold (cfu/g)	Less than 100	<10	USP 61
Coliforms (cfu/g)	Less than 10	<10	USP 62
Staphylococcus aureus	Negative	Negative	USP 62
E. coli	Negative	Negative	USP 62
Salmonella SPP.	Negative	Negative	USP 62

*Rotational schedule: based on historical compliant data


Greg Chang
Quality Unit

09/23/2021 (upd)
Date

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Ventura, California 93003

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MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name:	NovoOmega® Omega-3 Powder A32
Product Number:	6032
Trade Name:	NovoOmega®
Chemical Name and Synonyms:	Calcium Salt of Docosahexaenoic Acid
Product Class:	Nutrient
General Use:	Food applications and dietary supplements
Company:	Novotech Nutraceuticals, Inc.
Address:	2897 Palma Dr. Ventura, CA 93003, USA

SECTION 2: HAZARD(S) IDENTIFICATION

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks and 4 representing significant hazard or risks. HMIS® is a registered trademark of the National Paint and Coatings Association.	
HMIS Classification:	Health Hazard: 0 Flammability: 0 Reactivity: 0
NFPA:	Health Hazard: 0 Fire: 0 Reactivity: 0
Emergency overview:	This product is classified as Non-Hazardous Material under normal use.
Eyes:	Avoid contacts with eyes. If contact with eyes, flush with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.
Skin:	Expected to be practically non-toxic by dermal route
Ingestion:	Harmless if swallowed. Not a hazard with normal usage.
Inhalation:	Avoid excessive inhalation to prevent suffocation

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SDS-USHA

Spill	Wear NIOSH/MSHA approved SCBA, Rubber boots and heavy rubber gloves. Sweep up. Place in bag and hold for waste disposal. Avoid rising dust. Ventilate area and wash spill site after material pickup is complete. Do not get water inside containers.
Disposal	No special disposal methods are suggested. Dispose in accordance with local, state and federal regulations.
Absorbent:	Do not use organic material (e.g. cotton rags and sawdust) as an absorbent. Absorbents should be sprayed with water prior to disposal in a non-combustible container.
Additional advice:	Contaminated surfaces will be extremely slippery

SECTION 6: HANDLING AND STORAGE

Handling:	Use local exhaust or general dilution ventilation to control exposure to dust. Always use safe lifting techniques when manually moving containers, especially when handling containers weighting more than 21.5KG (47.3lbs) Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Empty containers retain product residue, (liquid and/or vapor). Keep container tightly closed. Avoid contact with heat, sparks and flame. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.
Storage:	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Do not expose to air. Store protected from moisture. Store protected from light.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection:	Safety glasses with side-shields
Hand protection:	For prolonged or repeated contact use protective gloves.
Skin and body protection:	Impervious clothing
Respiratory protection:	Mask, no special personal respiratory protective equipment normally required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Beige to Light Beige
Odor:	No offensive odor
Bulk Density:	Not less than 0.30 g/cc
Moisture:	Not more than 8.0 %
% Volatile by Weight:	Less than 0.1%
Boiling Point:	N/A

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name and Synonyms:	Calcium Salt of Docosahexaenoic Acid
Common Name and Synonyms:	Omega-3 DHA powder, Algae DHA Powder
CAS No:	N/A
Impurity:	Not determined

SECTION 4: FIRST AID MEASURES

Emergency overview:	This product is classified as Non-Hazardous Material under normal use.
Eyes:	Avoid contacts with eyes. If contact with eyes, flush with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.
Skin:	In case of skin contact, wash skin with soap and water if irritation is present.
Ingestion:	Harmless if swallowed. Not a hazard with normal usage. If large quantities of this material are swallowed, call a physician. Never give anything by Mouth to an unconscious person.
Inhalation:	If inhaled, remove individual to fresh air. If not breathing, give respiration or give oxygen by trained personnel. Get immediate medical attention.

SECTION 4: FIRE AND EXPLOSION DATA

Fire Fighting Procedures:	In case of fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Containers may explode when heated.
Autoignition Temperature:	N/A
Unusual Fire Explosion Hazards:	N/A
Explosive Limits:	Not Determined
Extinguishing Media:	Use carbon dioxide, or water spray when fighting fires involving this material.
Hazardous Combustion Products:	Carbon, carbon monoxide, carbon dioxide, oxides of nitrogen, irritating and toxic fumes and gases.

SECTION 5. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment.
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SDS-USHA

Melting Point:	N/A
pH (in 1% solution):	8-10
Vapor Pressure (mm Hg):	N/A
Vapor Density (Air = 1):	N/A
Dangerous Components:	None

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Materials to avoid:	Strong oxidizing agents
Thermal decomposition:	Up to 450°F
Hazardous reactions:	Danger of spontaneous combustion of rags, cloths or inert absorbent material soaked in oil.
Hazardous Polymerization:	Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity to Animal:	LD50: Available, tested and prove no toxicity to animal.
Carcinogenicity:	Not classifiable as a human carcinogen. Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

SECTION 12. ECOLOGICAL INFORMATION

Biodegradability:	Inherently biodegradable.
Additional ecological information:	There is no data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Method:	Dispose of in accordance with local regulations, and Federal regulation.
Packaging Disposal:	Empty remaining contents. Disposal of empty bags and boxes should follow local approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

Other information:	Not regulated for transport in accordance with DOT, IMDG, and IATA regulations.
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SECTION 15. REGULATORY INFORMATION

Health & Safety Reporting List	None of the chemicals in the product are on the Health & Safety Reporting List.
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Chemical Test Rules	None of the chemicals in this product are under a Chemical Test Rule.
TSCA:	This product either contains a chemical substance that is not listed on the public TSCA Inventory or the TSCA Inventory status of the product has not been evaluated.
SARA 302:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards:	No SARA Hazards
California Prop. 65 Ingredients:	This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

SECTION 16. OTHER INFORMATION

This information is intended solely for the use of individuals trained in the particular hazard rating system.

Version: 6 Revision Date: July 28, 2020

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