

Certificate of Analysis



Product Name: MEG-3™ DHA rf Powder

DSM Code: 5016315
Lot Number: XI00010372

Manufacture Date: **May 12, 2022**
Best Before: **May 11, 2024**

Analysis Number: **82003094**

Active Ingredients

Common Name	Specification	Result	Method
EPA + DHA	Min. 168 - Max. 220 mg/g of powder as Triglycerides	182 mg/g	to Ph. Eur. Chapter 2.4.29
Total Omega-3	Min. 184 mg/g of powder as Triglycerides	197 mg/g	

Analytical Data

Test	Specification	Result	Method
Appearance	Munsell color*	Light yellow	80/05/911
	Munsell color as hue/value/chroma	5Y/9.25/1.0	80/05/911
Odor	Typical odor (may contain dairy, green, roasted, sour notes)	Typical odor	80/05/911
Flavor	Typical flavor (may contain dairy, salty, sour notes)	Typical flavor	80/05/911
Moisture	Max. 3.0% of powder weight	1.85%	62/05/918
Core Loading	Min. 60% of powder weight	64%	80/05/920
Sieve	Min. 85% passes through 140 mesh	89%	62/05/935
	Min. 96% passes through 100 mesh	98%	62/05/935
Water Activity (Aw)	Max. 0.6	0.2	62/05/921

* Color reported based on Munsell color system in the nearly neutral palette with chroma values of <2 being acceptable.

Contaminant Data

Test	Specification	Result	Method
PCBs	Max. 0.09 ppm (as per input oil)	Compliant	USEPA1668
Arsenic	Max. 0.2 ppm	Compliant	ICP-MS
Lead	Max. 0.1 ppm	Compliant	ICP-MS
Cadmium	Max. 0.1 ppm	Compliant	ICP-MS
Mercury	Max. 0.01 ppm	Compliant	Cold Vapor AAS

Microbiological Data

Test	Specification	Result	Method
Salmonella	Negative/125g	Negative	FDA-BAM
E. coli	Negative/10g	Negative	USP
S. aureus	Negative/10g	Negative	USP
Pseudomonas	Negative/10g	Negative	USP
Bacteria (APC)	Max. 1000 CFU/g	<10 CFU/g	FDA-BAM
Yeast/Mold	Max. 100 CFU/g	<10 CFU/g	FDA-BAM
Enterobacteria	Negative/100g	Negative	USP
Bacillus cereus	<100 CFU/g	<10 CFU/g	FDA-BAM
Sulfite Reducing Clostridia	<100 CFU/g	<10 CFU/g	CMMEF

This lot conforms to product specifications

Refer to Internal Specification: DNPAM-OPS-SPEC-103170.05

Karla Sonsalla

Karla Sonsalla, Quality Manager

6.3.22

Date (Month/Day/Year)



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