

CERTIFICATE OF ANALYSIS

MEG-3 TM '10' N-3 INF POWDER S/SD

Product Code:	5006392	Manufacturing Date:	05-Nov-2025
Analysis Number:	154372	Release Date:	11-Feb-2026
Lot Number:	UT25110014	Best Use Before:	05-Nov-2027

Test	Test Method	Result	Limits/Specification
Appearance:	Visual	powder	powder
Color:	Visual	slightly yellow	white, slightly yellow
Fineness (US Standard sieve) / through sieve No. 80 / USP air jet sieving:	Sieve analysis	97 %	≥ 95 %
Loss on drying:	Halogen moisture analysis	2 %	≤ 5 %
Dispersibility in water at 20°C:		dispersible	dispersible
Peroxide value:	Titration	0 mEq/kg	≤ 2 mEq/kg
Surface oil content:	Gravimetric analysis	0.1 %	≤ 0.3 %
Heavy metals:	ICP-MS		
Heavy metals		<5 ppm	≤ 5 ppm
Lead		<0.1 ppm	≤ 0.1 ppm
Mercury		<0.01 ppm	≤ 0.01 ppm
Cadmium		<0.1 ppm	≤ 0.1 ppm
Arsenic		<0.1 ppm	≤ 0.1 ppm
Content:	Gas chromatography		
Content of n-3 polyunsaturated fatty acids		10.1 %	≥ 9.0 %
DHA content of powder as weight percent		7.6 %	≥ 7.0 %
DHA content of powder as FFA		76 mg/g	≥ 70 mg/g
DHA content of powder as TG		79 mg/g	≥ 70 mg/g
DHA/EPA ratio		4.5	≥ 4.0
Microbiological purity:	Ph.Eur.		
Total aerobic microbial count		<10 ³ CFU/g	max. 10 ³ CFU/g

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Microbiological purity:, cont.	Ph.Eur.		
Total combined yeast/moulds count		<10 ² CFU/g	max. 10 ² CFU/g
Salmonella spp.		negative in 125 g	negative in 125 g
Escherichia coli		negative in 10 g	negative in 10 g
Staphylococcus aureus		negative in 10 g	negative in 10 g
Pseudomonas aeruginosa		negative in 10 g	negative in 10 g
Enterobacteria (incl. Cronobacter spp.)		negative in 100 g	negative in 100 g
Bacillus cereus		<100 CFU/g	< 100 CFU/g
Sulphite reducing clostridia (SRC)		<100 CFU/g	< 100 CFU/g
MCPD_GE (GC/MS):	GC-MS		
3-MCPD Esters (as per input oil)		<0.15ppm	
Glycidyl-esters (as per input oil)		<0.1ppm	

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This lot has been analyzed against the substance specifications given above and released. Details of the analytical methods can be found in the "Specifications and Tests" document of this product available on our Customer Portal or via your local representative. Our Quality Management System ensures testing is executed according to current regulatory requirements.

The lot has been produced in conformity with applicable regulations and Good Manufacturing Practices for the uses stated in the Product Data sheet.

Please consult your local representative or visit our Customer Portal online for further compendial and compliance documentation.

System Dispositioned

(This document has been generated and signed electronically)

dsm-firmenich Switzerland Ltd.
Quality Assurance

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