

# MEG-3 (TM) '10' n-3 INF Powder S/SD



## *Coversheet for Certificate of Analysis*

Productcode : 5006392  
Lot No. : UT24100005  
Analysis No. : L91451

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CfC Number : 05800517  
Articlecode : 5006392304  
Sales Name : 5 kg bag MEG-3(TM) '10' N-3 INF POWDER S/SD (This product contains fish  
Manufacturing Date : 05-OCT-2024  
Best Use Before Date : 05-OCT-2026  
Delivery Note No. 1124205842  
Destination : Argentina  
Customer Ref. No : 4502200867  
Customer Article No: 5006392304  
Customer Name: DSM NUTRITIONAL PRODUCTS ARGENTINA  
S.A.  
C.U.I.T : 30-70782242-9

Article desc. CoA  
Comment

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# CERTIFICATE OF ANALYSIS

**DSM**

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## MEG-3 <sup>TM</sup> '10' N-3 INF POWDER S/SD

Product Code:	5006392	Manufacturing Date:	05-Oct-2024
Analysis Number:	91451	Release Date:	11-Dec-2024
Lot Number:	UT24100005	Best Use Before:	05-Oct-2026

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	98 %	≥ 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		10.2 %	≥ 9.0 %
DHA content of powder as weight percent		7.7 %	≥ 7.0 %
DHA content of powder as FFA		77 mg/g	≥ 70 mg/g
DHA/EPA ratio		4.5	≥ 4.0
Microbiological purity:	Ph.Eur.		
Total aerobic microbial count		<10 <sup>3</sup> CFU/g	max. 10 <sup>3</sup> CFU/g

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Test	Test Method	Result	Limits/Specification
Microbiological purity:, cont.	Ph.Eur.		
Total combined yeast/moulds count		<10 <sup>2</sup> CFU/g	max. 10 <sup>2</sup> 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)		<0.15 ppm	
Glycidyl-esters (as per input oil)		<0.1 ppm	

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This lot has been analyzed against the substance specifications given above and released. The manufacturing and control records have been reviewed by our authorized Quality organization. The lot has been produced in conformity with applicable regulations and Good Manufacturing Practices for the uses stated in DSM Product Data sheet. A QA comment will be presented below if there is any deviation requiring restriction in the use of this lot.

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

**Jerome Dupoirieux, Quality Assurance Manager**

(This document has been generated and signed electronically)

DSM Nutritional Products Ltd  
Quality Assurance

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CoA ID: 318838  
Date of Issue: 11-Dec-2024