

## Certificate of Analysis

Product name: Omega-3 DHA  
 Batch nr.: 1427300100  
 Shelf life: 06/23

Mat.No./Batch: 60016006 / 1427300100

Manufact.date: 11.06.2021

Inspection Lot 40000158352 from 03.06.2021

Procedure	Unit	Value	Lower Limit	Upper Limit
<b>Characteristic</b> qual. Specification Method				
<b>Galenical testing</b>				
HF Shape and Size	-	complies	-	-
HF Shape and Size oval 11 minims AA-QC-052 Galenical				
HF Colour	-	complies	-	-
HF Colour natural AA-QC-052 Galenical				
HF Length	mm	14.5	0.0	1000.0
AA-QC-052 Galenical				
HF Diameter	mm	9.6	0.0	1000.0
AA-QC-052 Galenical				
HF Filling weight	mg	606.4	562.5	687.5
NF 2091				
HF Uniformity of mass	-	complies	-	-
NF 2091				
HF Total mass	mg	811.8	747.9	914.1
NF 2091				

I hereby certify that the above information is authentic and accurate. The batch was manufactured and checked with the product formulation under HACCP guidelines.

**Deviations:**

In the production, testing and packaging there was:

no release relevant deviations / OOS results

deviations / OOS results, which could have influence on the quality of the product. The deviation report was valued and approved by a qualified person (see Annex)

in addition relevant informations with regard to the quality are added

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Fatty acids composition g FA/100 g product		Result	target	min	max	Method
Eicosapentaenoic acid (EPA)	C 20:5	1.4		1.1	-	LI-00.511-02
Docosahexaenoic acid (DHA)	C 22:6	40.4	>40	38.0	-	LI-00.511-02
<b>Quality and identity characteristics</b>						
Acid value (mg KOH/g oil)		0.1		-	0.3	ISO 660:2008
Peroxide value (meq O <sub>2</sub> /kg oil)		< 0.2		-	0.5	AOCS Cd 8b-90
Cold test (pos/neg)		Neg		-	-	NGD C24-1979
Sensory evaluation		Passed				Nestlé St-31.107
Induction period (Rancimat/hours at 80 °C)		18.8		-	-	ISO 6886:2006
Colour LOVIBOND (cell 1") Y		45		-	-	NGD C20-1976
Colour LOVIBOND (cell 1") R		1.8		-	-	NGD C20-1976
Glycidylester (ppm)		< 0.5		-	0.5	AOCS-CD29C-13
Sum free 3-MCPD,3-MCPDester (ppm)		< 1.0		-	1.0	AOCS-CD29C-13
Mineral Oil MOSH (ppm)		< 10.0		-	10.0	external analysis
Mineral Oil MOAH (ppm)		< 2.0		-	2.0	external analysis