



Certificate of Analysis

Product name: Omega-3 DHA+EPA
Batch nr.: 1445060100
Shelf life: 12/23

Mat.No./Batch: 60015889 / 1445060100

Manufact.date: 13.12.2021

Inspection Lot 40000162933 from 09.12.2021

Procedure Characteristic qual. Specification Method	Unit	Value	Lower Limit	Upper Limit
Galenical testing				
HF Shape and Size	-	complies	-	-
HF Shape and Size oblong 16 minims AA-QC-052 Galenical	-	complies	-	-
HF Colour	-	complies	-	-
HF Colour natural AA-QC-052 Galenical	-	complies	-	-
HF Length	mm	19.8	0.0	1000.0
AA-QC-052 Galenical	-	-	-	-
HF Diameter	mm	9.2	0.0	1000.0
AA-QC-052 Galenical	-	-	-	-
HF Filling weight	mg/sgc	829.670	759.217	927.932
NF 2091	-	-	-	-
HF Uniformity of mass	-	complies	-	-
NF 2091	-	-	-	-
HF Total mass	mg/sgc	1111.586	1011.217	1235.932
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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 Batch nr.: 1445060100
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Test	Result	Limits / Specifications	Dimension / Units	Method
COLOR	Corresponds	LIGHT YELLOW		
AROMA	Corresponds	CHARACTERISTIC		
TOTAL OMEGA-3 CONTENT	569	Min. 550	mg/g	AOCS Ce 1b-89
DHA CONTENT	351	Min. 300	mg/g	AOCS Ce 1b-89
EPA CONTENT	178	Min. 150	mg/g	AOCS Ce 1b-89
DPA CONTENT	39	Min. 30	mg/g	AOCS Ce 1b-89
DHA + EPA CONTENT	529	Min. 500	mg/g	
PEROXIDE VALUE	< 0.1	Max. 5.0	meq/kg	AOCS Cd 8-53
ANISIDINE VALUE	3	Max. 20		AOCS Cd 18-90
TOTOX	3	Max.26		
FREE FATTY ACID	< 0.1	Max. 0.25	%	AOCS Ca 5a-40
MOISTURE & VOLATILES	< 0.01	Max. 0.02	%	AOCS Ca 2c-25
UNSAPONIFIABLE MATTER	0.7	Max. 4.5	%	AOCS Ca 6b-53
TRANS FATTY ACIDS	< 1	Max. 1	%	AOCS Cd 14-95
ARSENIC	Corresponds*	Max. 0.1	ppm	AOCS Ca 17-01
CADMIUM	Corresponds*	Max. 0.1	ppm	AOCS Ca 17-01
COPPER	Corresponds*	Max. 0.05	ppm	AOCS Ca 17-01
IRON	Corresponds*	Max. 0.2	ppm	AOCS Ca 17-01
LEAD	Corresponds*	Max. 0.1	ppm	AOCS Ca 17-01
MERCURY	Corresponds*	Max. 0.04	ppm	AOAC 977.15
FATTY ACID PROFILE				
20:5n-3 EPA	19.2	Record	%	AOCS Ce 1b-89
22:5n-3 DPA	4.4	Record	%	AOCS Ce 1b-89
22:6n-3 DHA	37.2	Record	%	AOCS Ce 1b-89