

Product Name:
Product Code:
Manufacture date:

DHA ORIGINS 580 by Fermentalg®
08103
Apr-25

Batch n°:
Best before date:

25090044
Apr-28
3 years at -15°C

KEY FATTY ACIDS AND PROFILE	SPECIFICATIONS	UNITS	RESULTS	FREQUENCY OF TESTING	ANALYTICAL METHOD ⁽¹⁾
C20:5n3 (EPA)	Min. 3	mg/g as FA	5	N	European Pharmacopoeia
C20:5n3 (EPA)	Min. 3	mg/g as TG	5		
C22:6n3 (DHA)	Min. 580	mg/g as FA	589		
C22:6n3 (DHA)	Min. 600	mg/g as TG	612		
TOTAL omega-3	Min. 583	mg/g as FA	606		
TOTAL omega-3	Min. 603	mg/g as TG	630		

CHEMICAL PROPERTIES & QUALITY	SPECIFICATIONS	UNITS	RESULTS	FREQUENCY OF TESTING	ANALYTICAL METHOD ⁽¹⁾
Acid Value	Max. 0,50	mg KOH/g	0,11	N	ISO 660
Peroxide Value	Max. 5,0	meqO ₂ /Kg	1,8		AOCS Cd8b-90
Anisidine Value	Max. 10,0	-	2,5		European Pharmacopoeia
TOTOX	-	-	6,1		Calculation
Moisture and volatiles	Max. 0,05	%	<0,01		ISO 662
Unsaponifiable Matter*	Max. 3,5	%	<2,0	R	External laboratory : NF EN ISO 3596
Cold Test	Clear	-	Clear	N	European Pharmacopoeia

HEAVY METALS	SPECIFICATIONS	UNITS	RESULTS	FREQUENCY OF TESTING	ANALYTICAL METHOD ⁽¹⁾
Arsenic (As)*	Max. 0,1	mg/kg (ppm)	Compliant	R	External laboratory : Internal method, Mineralisation + ICP-MS
Mercury (Hg)*	Max. 0,04	mg/kg (ppm)	Compliant		
Cadmium (Cd)*	Max. 0,01	mg/kg (ppm)	Compliant		
Lead (Pb)*	Max. 0,01	mg/kg (ppm)	Compliant		

MICROBIOLOGY	SPECIFICATIONS	UNITS	RESULTS	FREQUENCY OF TESTING	ANALYTICAL METHOD ⁽¹⁾
Total count (30°C, 72h)*	Max. 1000	CFU/g	Compliant	N	External laboratory : NF EN ISO 4833-1
Yeasts and molds (25°C, 5d)*	Max. 100	CFU/g	Compliant	R	External laboratory : NF V08-036
Enterobacteriaceae (37°C)*	Max. 100	CFU/g	Compliant		External laboratory : NF EN ISO 21528-2
Salmonella*	Absence	/25g	Compliant		External laboratory : BKR 23/07-10/11

OTHER CONTAMINANTS	SPECIFICATIONS	UNITS	RESULTS	FREQUENCY OF TESTING	ANALYTICAL METHOD ⁽¹⁾
Trans Fatty acids*	Max. 1,00	g/100g	Compliant	R	External laboratory : Internal method : GC/FID
PCB (ICES 6)*	Max. 10,00	ng/g	Compliant		External laboratory : Internal method compliant to Regl. EU 2017/644
PCDD/F (WHO 17)*	Max. 0,75	pg/g	Compliant		
Sum PCDD/F (WHO 17) + PCB (WHO 12)*	Max. 1,25	pg/g	Compliant		
Total 3-MCPD (free and bound)*	Max. 0,400	mg/kg (ppm)	Compliant		External laboratory :
Glycidyl fatty acid esters expressed as glycidol*	Max. 0,200	mg/kg (ppm)	Compliant		Internal method : GC/MS/MS
Benzo(a)pyrene*	Max. 1,0	µg/kg	Compliant		External laboratory : Internal method : GC/MS/MS
Sum of benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene and chrysene*	Max. 2,0	µg/kg	Compliant		

*Statistical results

⁽¹⁾ Reference method

Frequency of testing

N = Every batch

R = Every 5 batches

P = Once a year

Validated by Quality Control Signatory name : Pascale RENOUX 	Approved by Quality Department Signatory name : Chloé LHOMME 	Edited: 04/06/2025 Products have been made with the good manufacturing practices. Products are released under FSSC 22000 standards.
---	---	---