

# Certificate of analysis

sncp Mkce 1 + MGS n202 +RENpckMgsk

Code: HUA-EP3424TGN.XOP

## Specification

Batch N° : 21153  
Production date : 15/03/2021  
Expiration date : 14/03/2024

## Test

Test	Min. value	Max. value	Unit	Result	Method
APPEARANCE AT ROOM TEMPERATURE characteristics, bland, mild fish like			Clear oil	CO	Organoleptic
Acid value		1.0	mg KOH/g	0.1	SN002
Colour		6	Gardner	2	SN030
Peroxide value		3.0	meq O <sub>2</sub> /kg	0.1	SN009
Anisidine value		8	-	1	SN014
Total oxidation		10	.	1	SN026
Absorbance 233 nm		0.60	AU	0.32	SN047
Triglycerides	90		A%	92	SN064
Oligomers		1.0	A%	ND	SN064
EPA ;Eicosapentaenoic acid C20:5	34		A%	35	SN003
DHA ;Docosahexaenoic acid C22:6	24		A%	26	SN003
DPA ;Docosapentaenoic acid C22:5 n-3			A%	4	SN003
Total n-3 (7)	65		A%	71	SN003
Total n-3 : EPA, DHA, 18:3, 18:4, 20:4, 21:5, 22:5					
EPA ;Eicosapentaenoic acid C20:5 (FA)	300		mg/g	300	SN003
DHA ;Docosahexaenoic acid C22:6 (FA)	220		mg/g	225	SN003
Total n-3 (7 FA)	610		mg/g	619	SN003
Total n-3 : EPA, DHA, 18 :3, 18 :4, 20 :4, 21 :5, 22 :5					
EPA ;Eicosapentaenoic acid C20:5 (TG)	312		mg/g	313	SN003
DHA ;Docosahexaenoic acid C22:6 (TG)	229		mg/g	234	SN003
DPA ;Docosapentaenoic acid C22:5 n-3 (TG)			mg/g	37	SN003
Total n-3 (7 TG)	634		mg/g	644	SN003
Total n-3 : EPA, DHA, 18 :3, 18 :4, 20 :4, 21 :5, 22 :5					
Mixed tocopherol	3.0	4.5	mg/g	3.9	SN081

Tests on Raw material EPAX (analysis transfer according to EPAX certificate)

ND: No detected  
CO: Compliant

Test	Min. value	Max. value	Unit	Result	Method
Frequency analyses from date :			ddmmyy	111120	
The following frequency analyses are analysed 3 times pr. Year with the latest results as reported below :					
As, Arsenic		0.1	mg/kg	CO	SN500
Cd, Cadmium		0.005	mg/kg	CO	SN500
Pb, Lead		0.025	mg/kg	CO	SN500
Hg, Mercury		0.005	mg/kg	CO	SN500
DDT (sum : o,p' + p,p')		0.005	mg/kg	CO	SN500
DDD (sum : o,p' + p,p')		0.005	mg/kg	CO	SN500
DDE p,p'		0.005	mg/kg	CO	SN500
HCB		0.005	mg/kg	CO	SN500
PCBs all 209		0.01	mg/kg	CO	SN521
<small>Included IUPAC-no. 28, 52, 101, 138, 153,180</small>					
Brominated flame retardants		0.002	mg/kg	CO	SN500
<small>IUPAC no. 47, 99, 100, 153, 154,183</small>					
DEHP		10	mg/kg	CO	SN521
Benzo(a)pyrene		1.0	ng/g	CO	SN501
Sum 4 PAH		5.0	ng/g	CO	SN501
Dioxinlike PCBs (TE WHO)		2	pg/g	CO	SN516
Dioxins+furans (TE WHO)		1	pg/g	CO	SN516
Dioxins+furans+dioxinlike PCBs (TE WHO)		2.5	pg/g	CO	SN516
Trans fatty acids (sum of 10)		0.9	%	CO	SN003

Test on Raw material EPAX (analysis transfer according to EPAX certificate)

CO: Compliant

This edition approved on the: March 16, 2021



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