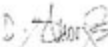


## CERTIFICATE OF ANALYSIS

PRODUCT:	<b>OMEGA 3 Enriched formula</b>	GRADE:	NPN 80001254
CODE:	SMEG34Y	DATE OF MANUFACTURE:	2017-10
MANUFACTURED UNDER LOT:	AB710007 (R10538)	EXPIRATION DATE:	2021-10
PACKAGED UNDER LOT:	15864		

VERSION: 12

Issued date: 2018-01-17

Approved by: 

TEST	LIMITS	METHOD	RESULTS
<b>IDENTITY</b>			
Appearance:	Bovine gelatin soft capsule	Visual	Complies
Color:	Yellow oil	Visual	Complies
Odor:	Characteristic	Organoleptic	Complies
Average fill weight:	947 - 1 157 mg/caps	USP <2091>	1068 mg/caps
Weight variation:	USP limits	USP <2091>	Complies
Disintegration (Rupture test):	≤ 15 minutes	USP <2040>	< 15 minutes
<b>ACTIVITY</b>			
Fish oil 300/200 EE Providing:	950 - 1 050 mg/caps (Target: 1 000 mg/caps)	Input	Complies
EPA (eicosapentaenoic acid)	240 - 600 mg/caps (Target: 300 mg/caps)	GC	324 mg/caps
DHA (docosahexaenoic acid)	160 - 400 mg/caps (Target: 200 mg/caps)	GC	237 mg/caps
<b>PURITY</b>			
Total aerobic microbial count	≤ 1 000 cfu/g	USP <2021>	< 10 cfu/g
Yeasts / Moulds	≤ 100 cfu/g	USP <2021>	< 10 cfu/g
<i>Pseudomonas aeruginosa</i>	Absence	USP <62>	Absence
<i>Escherichia coli</i>	Absence	USP <2022>	Absence
<i>Salmonella</i> spp.	Absence	USP <2022>	Absence
<i>Staphylococcus aureus</i>	Absence	USP <2022>	Absence
Arsenic	< 2.6 ppm (< 3.2 µg/caps)	ICP/MS	< 0.03 ppm
Cadmium	< 1.6 ppm (< 2.1 µg/caps)	ICP/MS	< 0.01 ppm
Lead	< 2.6 ppm (< 3.2 µg/caps)	ICP/MS	< 0.01 ppm
Mercury	< 5.4 ppm (< 6.7 µg/caps)	ICP/MS	< 0.01 ppm
Peroxide value (PV) <sup>(1)</sup>	≤ 5 mEq/kg	USP <401>	1 mEq/kg
o-Axisidine value (AV) <sup>(1)</sup>	≤ 20 mEq/kg	AOCS Cd 18-90)	2 mEq/kg
Toxot <sup>(1)</sup>	≤ 26 mEq/kg	(2 x PV + AV)	4 mEq/kg
Acid Value	< 2.0 mg of KOH/g	USP <401>	1.4 mg of KOH/g
Dioxins & Furans	< 1.75 pg-WHO-TEQ/g	USEPA 1613B	< 1.75 pg-WHO-TEQ/g
Dioxins like PCBs	< 3.0 pg-WHO-TEQ/g	USEPA 1668A/C	< 3.0 pg-WHO-TEQ/g
Total PCBs	< 0.09 ppm	USEPA 1668A/C	< 0.09 ppm
Sum Dioxins & Furans + Dioxin-like PCBs	< 3.0 pg-WHO-TEQ/g	Calculation	< 3.0 pg-WHO-TEQ/g
Pesticides <sup>(2)</sup>	USP limits	USP <561>	Complies

<sup>(1)</sup> Tested on Raw material    <sup>(2)</sup> Tested according to SOP CQ026

VERIFIED BY:



QUALITY CONTROL (QC)  
2018-01-23

DATE

APPROVED FOR USE BY:



QUALITY ASSURANCE (QA)  
2018-01-24

DATE