

CERTIFICATE OF ANALYSIS

Product Name : Blackcurrant Oil REF GLA 14%(NEWmega™)
Batch No. : 05726
Product code : 0120214
Species : Ribes Nigrum L.
Manufacturing date : Feb. 01, 2020
Date of Manufacture : Feb. 01,2022

TESTS	unit	Min	Max	Results
C18:3 Gamma Linolenic	%	14.0		14.2
Acid value	Mg KOH/g		1.0	0.48
Peroxide Value	(meq/kg)		3.0	2.8
Anisidine value ²			20.0	11.0
Totox value			25.0	16.4
Moisture	%		0.1	<0.1
Saponification value ²	mg KOH/g	185.0	195.0	189.0
Unsaponifiable matter ²	%		2.5	1.15
Refractive index at 20 ° C ²		1.478	1.482	1.4798
Specific gravity 20/20 ° C ²	g/ml	0.920	0.930	0.926
Colour	Gardner		8	7.4
Saturated fatty acids of chain length less than C16	%		0.3	0.1
C16:0 palmitic	%	5.0	8.0	6.1
C18:0 stearic	%	1.0	3.0	1.5
C18:1 Oleic	%	8.0	16.0	10.8
C18:1 Cis-Vaccenic	%		1.0	0.7
C18:2 Linoleic	%	43.0	50.0	46.4
C18:3 Alpha Linoleic	%	12.0	16.0	13.4
C18:4 Stearidonic	%	2.0		2.7
Others	%	1.0	5.0	4.1
Lead ¹	mg/kg		0.1	<0.05
Cadmium ¹	mg/kg		0.05	<0.01
Mercury ¹	mg/kg		0.05	<0.005
Arsenic ¹	mg/kg		0.1	<0.02
Benzo(a)Pyene ¹	µg/kg		1.0	<0.1
Sum of B(a)P, B(a)A, B(b)F, chrysene ¹	µg/kg		10.0	<1.0
Sum of dioxins and furans	pg/g		0.75	<0.168