

# CERTIFICATE OF ANALYSIS

Product Name	: Borage Oil CP-REF GLA 22% (NEWmega™)
Batch No.	: 06923
Product code	: 0111622
Species	: Borago Officinalis
Manufacturing date	: Dec. 01, 2019
Date of Manufacture	: Dec. 01, 2021

TESTS	unit	Min	Max	Results
C18:3 Gamma Linolenic	%	22.0		22.4
C18:3 Gamma Linolenic	Mg/g as TG	203.0		222.3
Acid value	Mg KOH/g		0.5	0.09
Peroxide Value	(meq/kg)		3.0	0.5
Anisidine value			15.0	5.5
Totox value			20.0	6.5
Moisture	%		0.1	0.04
Saponification value	mg KOH/g	185.0	195.0	189.9
Unsaponifiable matter	%		1.5	0.58
Refractive index at 20° C		1.470	1.480	1.4753
Specific gravity 20/20° C	g/ml	0.910	0.925	0.9191
Lodine value		130.0	150.0	144.1
Colour	Gardner		7.0	1.0
Saturated fatty acids of chain length less than C16	%		0.3	0.1
C16:0 palmitic	%	9.0	12.0	9.8
C16:1 palmitoleic	%		0.6	0.3
C18:0 stearic	%	3.0	5.5	4.0
C18:1 Oleic	%	15.0	20.0	16.0
C18:1Cis-vaccenic	%		2.0	0.6
C18:2 Linoleic	%	35.0	39.0	37.4
C18:3 Alpha Linolenic	%		0.5	0.2
C20:0 Arachisic	%		0.5	0.3
C20:1 Icosenoic	%	3.9	4.3	4.1
C22:1 Docosenoic	%	2.2	2.7	2.5
C24:1 Tetracosenoic	%	1.4	1.7	1.5
Others	%		3.0	0.8
Brassicasterol	%		0.3	0.0
24-Methylene cholesterol	%	9.0	20.0	14.9

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