

Certificate of Analysis

Raw Material Code: R00088

Product Description: Borage Oil, Refined, 20% GLA

INCI Name: Borago Officinalis Seed Oil

EINECS Number: Not Listed

CAS Number: 225234-12-8

Date of Production: May-2016

Best Before: May-2018

Lot Number: L000173919

Retest Date: -

Analytical Details	Result
Appearance	A clear pale yellowish oil
Odour	Typical
Refractive Index at 20°C	1.4758
Free Fatty Acid (% as Oleic)	0.13
PYRROLIZIDINE ALKALOIDS	<1.0
Peroxide Value (Meq O ₂ /kg)	0.2
Saponification Value (mg/KOH/gr)	186.8
Unsaponifiable Matter (%)	0.81
Iodine Value (gr _{1/2} /100gr.)	140.3
Colour (Gardner)	3.8
Acid Value	0.26
TOTOX VALUE	6.3
BENZO (A) PYRENE (ug/kg)	<0.1
ANISIDINE VALUE	5.9
SUM OF DIOXINS AND FURANS (AS WHO-PCDD/F-TEQ/G) ¹ (PG/G)	<0.171
SUM OF DIOXINS, FURANS, DIOXIN-LIKE PCBs (WHO-PCDD/F-PCB-TEQ/G) ¹ (PG/G)	<0.274
AEROBIC MESOPHILE TOTAL MICROBIAL COUNT (CFU/G)	<0.1
SALMONELLA (CFU/G)	Not Detected
YEAST & MOULDS (CFU/G)	<10
BILE TOLERANT GRAM NEGATIVE BACTERIA (CFU/G)	<10
E. COLI (CFU/G)	Not Detected
STAPHYLOCOCCUS AUREUS (CFU/G)	Not Detected
PESTICIDE RESIDUES IN ACCORDANCE WITH EUROPEAN FOOD LAW	Complies
Foreign Kernel Oils	<0.02
Cottonseed Oil	<0.01
Sesame Seed Oil	<0.02
Mineral Oil and Foreign Fatty Oils	<0.0001

Myristic Acid	C14:0	0.1
Palmitic Acid	C16:0	10.3
Palmitoleic Acid	C16:1	0.3
Stearic Acid	C18:0	4.5
Oleic Acid	C18:1	19.2
Linoleic Acid	C18:2	36.1
Alpha Linolenic Acid	C18:3	0.2
Gamma Linolenic Acid	C18:3	20.1
Arachidic Acid	C20:0	0.3
Eicosenoic Acid	C20:1	4
Erucic Acid	C22:1	2.5
Lignoceric Acid	C24:0	1.5
Others	> C24.0	0.9