

Certificate of Analysis

Date of Testing: 2025-06-16 15:34:18

Date of Next Testing: 2028-06-15 15:34:18

Product Name: **Borage oil from Borago officinalis seeds**

CAS Number: 84012-16-8

Specifications & Purity:

Lot #: I2208605

SKU #: **B352058**

Version: **2**

Analysis #: **524035**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acid Value(neutral titration)	$\leq 3.0(\text{mgKOH/g})$	0.10000 mgKOH/g
Saponification value	180-190(mgKOH/g)	188.60 mgKOH/g
Insoluble matter	$\leq 0.05(\%)$	0.00000 %
Moisture and Volatile Matter	$\leq 0.5(\%)$	0.00000 %
Lead(Pb)	$\leq 0.2 \text{ (ppm)}$	0.00 ppm
(As)Arsenic	$\leq 0.2 \text{ (ppm)}$	0.00 ppm
Cadmium(Cd)	$\leq 0.2 \text{ (ppm)}$	0.00 ppm
Mercury(Hg)	$\leq 0.2 \text{ (ppm)}$	0.00 ppm
Palmitic Acid	10-15(%)	13.50000 %
Octadecanoic Acid	3-6(%)	3.50000 %
Oleic Acid	15-25(%)	23.50000 %
Linoleic Acid	35-45(%)	38.20000 %
γ - Linolenic Acid	20-30(%)	20.10000 %
Peroxide Value	$\leq 2.0(\text{meq/kg})$	1.80000 meq/kg
Appearance(B352058)	Clear and bright light yellow to yellow clear liquid	Clear and bright light yellow to yellow clear liquid



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager