

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-14 15:28:02

Date of Next Testing: 2025-09-13 15:28:02

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

CAS Number: 84012-16-8

Specifications & Purity:

Lot #: I2208614

SKU #: **B352058**

Version: **2**

Analysis #: **094770**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acid Value(neutral titration)	≤ 3.0 (mgKOH/g)	0.17000 mgKOH/g
Insoluble matter	≤ 0.05 (%)	0.00000 %
Moisture and Volatile Matter	≤ 0.05 (%)	0.00000 %
Lead(Pb)	≤ 0.2 (ppm)	0.00000 ppm
(As)Arsenic	≤ 0.2 (ppm)	0.00000 ppm
Cadmium(Cd)	≤ 0.2 (ppm)	0.00000 ppm
Mercury(Hg)	≤ 0.2 (ppm)	0.00000 ppm
Peroxide Value	≤ 2.0 (meq/kg)	1.89000 meq/kg
Palmitic Acid	10-15(%)	13.52000 %
Octadecanoic Acid	3-6(%)	3.52000 %
Oleic Acid	15-25(%)	23.52000 %
Linoleic Acid	35-45(%)	38.23000 %
γ - Linolenic Acid	20-30(%)	20.15000 %
Saponification value	180-190(mgKOH/g)	188.63000 mgKOH/g
Appearance(B352058)	Clear and bright light yellow to yellow clear liquid	Clear and bright light yellow to yellow clear liquid



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager