

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-11 18:21:00

Date of Next Testing: 2027-10-11 18:21:00

Product Name: **Oleic acid**

CAS Number: 112-80-1

Specifications & Purity: Ph.Eur., ≥65%

Lot #: J2509089

SKU #: **O1456057**

Version: **1**

Analysis #: **590145**

Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(GC)	65-100 (%)	81.10000 %
Acid Value	195-204 (mgKOH/g)	200.00000 mgKOH/g
Iodine value (I ₂ g/100g)	89-105	90.20000
Peroxide value	≤10	0.50000
Composition of fatty acids(myristic acid) ≤ 5 (%)		5.00000 %
Composition of fatty acids(palmitic acid) ≤ 16 (%)		16.00000 %
Composition of fatty acids(palmitoleic acid) ≤ 8 (%)		8.00000 %
Composition of fatty acids(stearic acid) ≤ 6 (%)		6.00000 %
Composition of fatty acids(linoleic acid) ≤ 18 (%)		18.00000 %
Composition of fatty acids(linolenic acid) ≤ 4 (%)		4.00000 %
Composition of fatty acids(fatty acids of chain length greater than C18) ≤ 4 (%)		4.00000 %
Total ash (2.4.16)	≤ 0.1 (%)	0.10000 %
Appearance(O1456057)	Colorless to dark yellow to dark brown-yellow liquid or viscous liquid	Colorless to dark yellow to dark brown-yellow liquid or viscous liquid



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager