

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-02 13:10:09

Date of Next Testing: 2027-03-01 13:10:09

Product Name: **Arachidic acid**

CAS Number: 506-30-9

Specifications & Purity: 99%

Lot #: B2325293

SKU #: **A110476****Analysis: 099913**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	75-78 (°C)	77.84000 °C
Purity(GC)	99-100 (%)	99.33%
Appearance (A110476)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Colorless to Faint Yellow Clear to Hazy(50 mg/ml)	pass	Pass
Solubility in hot MeOH	almost transparency	almost transparency

John Su
QA & QC Manager