

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-01 18:55:46
 Date of Next Testing: 2027-02-28 18:55:46
 Product Name: **Arachidic acid**
 CAS Number: 506-30-9
 Specifications & Purity: 99%
 Lot #: B2325294
 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