

## Certificate of Analysis

Date of Testing: 2023-03-03 17:50:21

Date of Next Testing: 2027-03-02 17:50:21

Product Name: **Arachidic acid**

CAS Number: 506-30-9

Specifications & Purity: 99%

Lot #: B2328225

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 <sub>3</sub> , Colorless to Faint Yellow Clear to Hazy(50 mg/ml)	pass	Pass
Solubility in hot MeOH	almost transparency	almost transparency



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QA & QC Manager