

## Certificate of Analysis

Date of Testing: 2022-01-25 15:09:47  
 Date of Next Testing: 2026-01-24 15:09:47  
 Product Name: **Arachidic acid**  
 CAS Number: 506-30-9  
 Specifications & Purity: 99%  
 Lot #: A2221041  
 SKU #: **A110476**  
**Analysis:** **070574**  
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	75-78 (°C)	76.88000 °C
Purity(GC)	99-100 (%)	99.10%
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



John Su  
 QA & QC Manager