

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-26 15:03:14  
Date of Next Testing: 2025-09-25 15:03:14  
Product Name: **Linolenic acid**  
CAS Number: 463-40-1  
Specifications & Purity: ~70%(GC),natural  
Lot #: I2319197  
SKU #: **L105576**  
**Analysis:** **270039**  
Storage Temperature: Store at -20°C,Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.474-1.48	1.48
Purity(GC derivatization)	70-100 (%)	98.69 %
Density (20°C)	0.908-0.921	0.91
Appearance (L105576)	colorless to yellow to brown liquid	colorless to yellow to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager