

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-03 09:04:36  
 Date of Next Testing: 2029-01-02 09:04:36  
 Product Name: **Linoleic acid**  
 CAS Number: 60-33-3  
 Specifications & Purity: Moligand™, ≥97%(GC)  
 Lot #: L2427213  
 SKU #: **L100447**  
 Version: **0**  
 Analysis #: **427562**  
 Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.468-1.471                      | 1.46956                          |
| Purity(GC)                          | 97-100 (%)                       | 99.45000 %                       |
| Purity(Neutralization titration)    | 96.5-103.5 (%)                   | 101.83600 %                      |
| Density (20°C)                      | 0.902-0.906                      | 0.90400                          |
| Appearance (L100447)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager