

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-26 10:34:22  
 Date of Next Testing: 2028-01-16 10:34:22  
 Product Name: **Oleic acid**  
 CAS Number: 112-80-1  
 Specifications & Purity: Moligand™, ≥99%(HPLC)  
 Lot #: A2616131  
 SKU #: **O108485**  
 Version: **1**  
 Analysis #: **582845**  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter                           | Limit Values                             | Result                                   |
|-------------------------------------|------------------------------------------|------------------------------------------|
| Refractive index n <sub>20</sub> /D | 1.458-1.461                              | 1.46                                     |
| Purity(Neutralization titration)    | 99-101 (%)                               | 100.00 %                                 |
| Purity(HPLC)                        | 99-100 (%)                               | 100.00000 %                              |
| Appearance (O108485)                | Colorless to pale yellow liquid or solid | Colorless to pale yellow liquid or solid |
| Carbon NMR Spectrum                 | Conforms to Structure                    | Conforms to Structure                    |
| Infrared spectrum                   | Conforms to Structure                    | Conforms to Structure                    |
| Proton NMR spectrum                 | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager