

## Certificate of Analysis

Date of Testing: 2024-02-22 15:58:57  
Date of Next Testing: 2026-02-11 15:58:57  
Product Name: **Oleic acid**  
CAS Number: 112-80-1  
Specifications & Purity:  $\geq 99\%$  (HPLC)  
Lot #: E2206027  
SKU #: **O108485**  
**Analysis:** **322627**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                           | Limit Values                             | Result                                   |
|-------------------------------------|--|--|
| Purity(HPLC)                        | 99-100 (%)                               | 99.26500 %                               |
| Refractive index n <sub>20</sub> /D | 1.458-1.461                              | 1.46                                     |
| Purity(Neutralization titration)    | 99-101 (%)                               | 99.10 %                                  |
| 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                    |



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