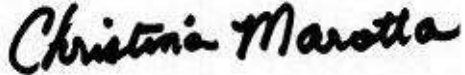


**MP Biomedicals, LLC**29525 Fountain Parkway  
Solon, Ohio 44139Telephone: 440/337-1200  
Toll Free: 800/854-0530

## Certificate of Analysis

**Product Description:** Oleic Acid  
**Catalog Number:** 151781  
**Lot:** M3079**Formula:**  $C_{18}H_{34}O_2$   
**CAS #:** 112-80-1  
**Physical Description:** White Solid**Formula Weight:** 282.45  
**Storage:** -0°C, protect from light, store under nitrogen

| Test          | Specification        | Result               |
|---------------|----------------------|----------------------|
| Identity Test | Passes               | Passes               |
| Purity        | ≥99%                 | >99%                 |
| FTIR          | Conforms to Standard | Conforms to Standard |

Source: Sunflower oil  
Density: 0.89 g/ml01/09/2012 - Christina Marotta  
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<http://www.mpbio.com>Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site  
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