

### Certificate of Analysis

**Product: Oleic Acid, Lab Grade**  
**Item Number: C5820**  
**CAS#: 112-80-1**  
**Grade: Lab**  
**Lot Number: Last Batch**  
**Manufacture Date: 02/21/2025**  
**Expiration Date: 02/21/2030**  
**Country of Origin: United States**

| Tested Property           | Specification | Analysis |
|---------------------------|---------------|----------|
| Acid value                | 195 - 205     | 198.4    |
| Iodine Value              | 88 - 105      | 99.5     |
| Saponification Value      | 196 - 207     | 199.4    |
| Titer °C                  | ≤10           | 8.6      |
| Lovibond 5.25 Red         | ≤2            | 0.3      |
| Lovibond 5.25 Yellow      | ≤15           | 30       |
| Linoleic Acid             | ≤18           | 12.5     |
| Alpha Linolenic Acid      | <1.0%         | 0.1%     |
| Oleic Acid                | ≥70.0%        | 79.7%    |
| Composition C18 and Below | ≤15.0%        | 6.6%     |
| Composition C20 & Above   | ≤1.5%         | 0.8%     |

To maintain product quality: Store in freezer. Keep container tightly closed in a dry and well-ventilated place.

#### Oleic Acid, Lab Grade

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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