

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2023-12-19 10:32:10  
Date of Next Testing: 2027-12-18 10:32:10  
Product Name: **Methyl laurate**  
CAS Number: 111-82-0  
Specifications & Purity: 99%  
Lot #: C2009162  
SKU #: **M108594**  
Analysis: **305986**

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20/D</sub> | 1.431-1.433                      | 1.43210                          |
| Purity(GC)                         | 99-100 (%)                       | 99.45000 %                       |
| Density (20°C)                     | 0.87-0.872                       | 0.87150                          |
| Appearance (M108594)               | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager