

Certificate of Analysis

Date of Testing: 2022-07-08 13:23:20
Date of Next Testing: 2026-07-07 13:23:20
Product Name: **Methyl stearate**
CAS Number: 112-61-8
Specifications & Purity: 99%
Lot #: G2206408
SKU #: **M109604**
Analysis: 110407
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|--|---------------------------------|---------------------------------|
| Hydrogen by Elemental Analysis | 12.2-13.2 (%) | 12.60 % |
| Purity(GC) | 99-100 (%) | 99.00 % |
| Melting point | 38-42 (°C) | 40.00000 °C |
| Carbon by Elemental Analysis | 75.4-76.5 (%) | 75.68 % |
| Appearance (M109604) | white solid or colorless liquid | white solid or colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility,Colorless to pale yellow,clear(100 mg/ml, CHCl ₃) | pass | Pass |



John Su
QA & QC Manager