

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

Certificate of Analysis

Date of Testing: 2024-10-09 15:51:13
Date of Next Testing: 2028-10-08 15:51:13
Product Name: **Methyl stearate**
CAS Number: 112-61-8
Specifications & Purity: $\geq 99\%$
Lot #: I2429228
SKU #: **M109604**
Version: **0**
Analysis #: **417319**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Hydrogen by Elemental Analysis	12.2-13.2 (%)	12.63100 %
Purity(GC)	99-100 (%)	99.07000 %
Melting point	38-42 ($^{\circ}\text{C}$)	41.86000 $^{\circ}\text{C}$
Carbon by Elemental Analysis	75.4-76.5 (%)	76.34800 %
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