

## Certificate of Analysis

Date of Testing: 2022-02-16 10:05:59

Date of Next Testing: 2025-02-15 10:05:59

Product Name: **Methyl stearate**

CAS Number: 112-61-8

Specifications & Purity: 40%

Lot #: C1925149

SKU #: **M109605**

**Analysis: 073782**

Parameter	Limit Values	Result
Methyl hexadecanoate	55-65 (%)	61.82 %
Melting point	28-30 (°C)	29.86200 °C
Iodine value	0-3.5	2.53
Methyl octadecanoate	35-45 (%)	37.09 %
Acid value(KOH)	0-1 (mg/g)	0.60 mg/g
Saponification value	190-200 (mg/g)	196.00 mg/g
Water by Karl Fischer	0-0.5 (%)	0.32 %
Appearance (M109605)	white solid or colorless liquid	white solid or colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager