

Certificate of Analysis

Date of Testing: 2025-05-10 16:28:26

Date of Next Testing: 2028-05-09 16:28:26

Product Name: **Methyl stearate**

CAS Number: 112-61-8

Specifications & Purity: $\geq 40\%$

Lot #: D2524073

SKU #: **M109605**

Version: **0**

Analysis #: **512802**

Parameter	Limit Values	Result
Methyl hexadecanoate	55-65 (%)	62.30 %
Melting point	28-30 (°C)	28.30000 °C
Iodine value	0-3.5	1.76
Methyl octadecanoate	35-45 (%)	36.00 %
Acid value(KOH)	0-1 (mg/g)	0.46 mg/g
Saponification value	190-200 (mg/g)	191.00 mg/g
Water by Karl Fischer	0-0.5 (%)	0.10 %
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