

Certificate of Analysis

Date of Testing: 2022-08-12 10:57:18

Date of Next Testing: 2025-08-11 10:57:18

Product Name: **Methyl stearate**

CAS Number: 112-61-8

Specifications & Purity: 40%

Lot #: J1922094

SKU #: **M109605**

Analysis: 124361

Parameter	Limit Values	Result
Methyl hexadecanoate	55-65 (%)	62.35 %
Melting point	28-30 (°C)	28.35000 °C
Iodine value	0-3.5	1.76
Methyl octadecanoate	35-45 (%)	36.02 %
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 (%)	0.19 %
Appearance (M109605)	white solid or colorless liquid	white solid or colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager