

Certificate of Analysis

Date of Testing: 2023-04-06 02:39:29
Date of Next Testing: 2027-04-05 02:39:29
Product Name: **Myristic acid**
CAS Number: 544-63-8
Specifications & Purity: $\geq 99\%$ (GC)
Lot #: D2303561
SKU #: **M108286**
Analysis: **181666**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.71%
Purity (Titration by NaOH)	98.5-101.5 (%)	99.20%
Melting point	48-56 ($^{\circ}\text{C}$)	55.25000 $^{\circ}\text{C}$
Appearance (M108286)	White to Off-White Powder or Granules	White to Off-White Powder or Granules
Solubility in CHCl_3 , Colorless to pale yellow,clear,100 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager