

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-18 16:53:00

Date of Next Testing: 2027-08-17 16:53:00

Product Name: **Myristic acid**

CAS Number: 544-63-8

Specifications & Purity: $\geq 99\%$ (GC)

Lot #: H2316442

SKU #: **M108286**Version: **1**Analysis #: **247061**

Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|--|---------------------------------------|---------------------------------------|
| Purity(GC) | 99-100 (%) | 99.10% |
| Purity (Titration by NaOH) | 98.5-101.5 (%) | 99.88% |
| Melting point | 48-56 (°C) | 55.91000 °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