

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-26 09:20:29

Date of Next Testing: 2029-09-25 09:20:29

Product Name: **Palmitic acid**

CAS Number: 57-10-3

Specifications & Purity: Moligand™, ≥97%

Lot #: I2519413

SKU #: **P101059**

Version: **0**

Analysis #: **583376**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acid Value	218-220 (mgKOH/g)	218.36000 mgKOH/g
Melting point	62-66 (°C)	65.90000 °C
Purity(GC)	97-100 (%)	99.38700 %
Appearance (P101059)	White to Faint Yellow Powder, Crystals or Granules	White to Faint Yellow Powder, Crystals or Granules
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , clear colorless solution,100 mg/ml	pass	Pass



John Su
QA & QC Manager