

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-19 18:11:06

Date of Next Testing: 2029-08-18 18:11:06

Product Name: **Palmitic acid**

CAS Number: 57-10-3

Grades & Purity: BioReagent, ≥99%

Lot #: H2618461

SKU #: **P755719**

Version: **1**

Analysis #: **758555**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.00000 %
Residue on Ignition	0-0.1 (%)	0.00000 %
Chloride (Cl-)	0-0.05 (%)	0.02500 %
Sulfate(SO42-)	0-0.05 (%)	0.03200 %
Aluminum(Al)	0-0.005 (%)	0.00050 %
Phosphorus (P)	0-0.0005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.00095 %
Iron(Fe)	0-0.0005 (%)	0.00033 %
Copper(Cu)	0-0.0005 (%)	0.00014 %
Zinc(Zn)	0-0.0005 (%)	0.00011 %
Calcium(Ca)	0-0.0005 (%)	0.00005 %
Magnesium(Mg)	0-0.0005 (%)	0.00006 %
Sodium(Na)	0-0.05 (%)	0.00600 %
Potassium(K)	0-0.005 (%)	0.00040 %
Ammonia (NH4)	0-0.05 (%)	0.01000 %
Insoluble matter	0-0.1 (%)	0.00000 %
Appearance(P755719)	White to Almost white Powder, Crystals or Granules	White to Almost white Powder, Crystals or Granules
Solubility (0.5M, CHCl3, Colorless pass Clear)		Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

John Su

John Su
QA & QC Manager