

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-19 18:10:26

Date of Next Testing: 2029-08-18 18:10:26

Product Name: **Palmitic acid**

CAS Number: 57-10-3

Grades & Purity: BioReagent, ≥99%

Lot #: H2618460

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,Colorlesspass Clear)		Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

John Su

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QA & QC Manager