

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-21 08:59:49

Date of Next Testing: 2029-03-20 08:59:49

Product Name: **Palmitic acid**

CAS Number: 57-10-3

Specifications & Purity: BioReagent, ≥99%

Lot #: C2619592

SKU #: **P755719**

Version: **1**

Analysis #: **632950**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.59800 %
Residue on Ignition	0-0.1 (%)	0.00000 %
Chloride(Cl-)	0-0.05 (%)	0.00490 %
Sulfate(SO42-)	0-0.05 (%)	0.00000 %
Aluminum(Al)	0-0.005 (%)	0.00000 %
Phosphorus (P)	0-0.0005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Copper(Cu)	0-0.0005 (%)	0.00000 %
Zinc(Zn)	0-0.0005 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.05 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00000 %
Insoluble matter	0-0.1 (%)	0.00000 %
Calcium(Ca)	0-0.0005 (%)	0.00048 %
Ammonia (NH4)	0-0.05 (%)	0.04900 %
Appearance(P755719)	White to Almost white Powder, Crystals or Granules	White to Almost white Powder, Crystals or Granules
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Solubility (0.5M, CHCl3, Colorlesspass Clear)		Pass



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager