

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-15 08:59:26

Date of Next Testing: 2028-11-14 08:59:26

Product Name: **6-O-Palmitoyl-L-ascorbic acid**

CAS Number: 137-66-6

Specifications & Purity: BioReagent, ≥99%(RT)

Lot #: K2513135

SKU #: **O755637**

Version: **1**

Analysis #: **609546**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(redox titration, Iodometric)	99-101 (%)	99.10000 %
Specific rotation $[\alpha]_{20/D}(C=1, \text{Ethanol})$	22-24 (°)	23.15800 °
Melting point	113-116 (°C)	113.37000 °C
Loss on drying	0-0.2 (%)	0.00100 %
Sulphated ash	0-0.2 (%)	0.00150 %
Calcium(Ca)	0-50 (ppm)	0.00000 ppm
Cadmium(Cd)	0-5 (ppm)	0.00000 ppm
Cobalt(Co)	0-5 (ppm)	0.00000 ppm
Chromium(Cr)	0-5 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Potassium(K)	0-50 (ppm)	0.00000 ppm
Magnesium(Mg)	0-5 (ppm)	0.00000 ppm
Manganese(Mn)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	0-100 (ppm)	0.00000 ppm
Nickel(Ni)	0-5 (ppm)	0.00000 ppm
Lead(Pb)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00000 ppm
Appearance(O755637)	White to faint yellow powder	White to Faint Yellow Powder
Solubility(1g in 10ml Methanol),Colorless to Faint Brown-Yellow	Pass	Pass
Clear		



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager