

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-07 15:17:44
 Date of Next Testing: 2029-01-06 15:17:44
 Product Name: **5,6-Isopropylidene-L-ascorbic acid**
 CAS Number: 15042-01-0
 Specifications & Purity: $\geq 97\%$
 Lot #: D2101034
 SKU #: **I107892**
 Version: **0**
 Analysis #: **458446**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	48.7-51.3 (%)	49.80000 %
Purity(HPLC)	98-100 (%)	98.20000 %
Purity(Iodometric Titration)	97.5-102.5 (%)	97.60000 %
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in MeOH})}$	8-12 (°)	10.09000 °
Appearance (I107892)	White Powder, Crystals, Fibers, Flakes, or Solid	White Powder, Crystals, Fibers, Flakes, or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager