

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-15 14:40:09

Date of Next Testing: 2027-12-14 14:40:09

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications &amp; Purity: &gt;99.0%(T)

Lot #: L2314172

SKU #: **A103533****Analysis: 305219**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Loss on drying	0-0.1 (%)	0.02 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	20.5-21.5 (°)	21.00°
Purity(Iodometric Titration)	99-100 (%)	100.00 %
Ignition Residue (as sulfate)	0-0.01 (%)	0.01 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.0002 (%)	0.00 %

John Su  
QA & QC Manager