

Certificate of Analysis

Date of Testing: 2024-11-25 15:12:40

Date of Next Testing: 2028-11-24 15:12:40

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: AR, ≥99%(T)

Lot #: K2419657

SKU #: **A103533**

Version **1**

Analysis #: **440448**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Loss on drying	0-0.1 (%)	0.04 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	20.5-21.5 (°)	20.54 °
Purity(Iodometric Titration)	99-100 (%)	100.00 %
Ignition Residue (as sulfate)	0-0.01 (%)	0.01 %
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.0002 (%)	0.00 %



John Su
QA & QC Manager