

Certificate of Analysis

Date of Testing: 2023-07-29 15:13:17

Date of Next Testing: 2027-07-28 15:13:17

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: >99.0%(T)

Lot #: G2326024

SKU #: **A103533**

Analysis: 133009

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00%
Loss on drying	0-0.1 (%)	0.05%
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	20.5-21.5 (°)	21.00°
Iron(Fe)	0-0.0002 (ppm)	0.00 ppm
Purity(Iodometric Titration)	99-100 (%)	100.00%
Ignition Residue (as sulfate)	0-0.05 (%)	0.03%
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00%



John Su
QA & QC Manager