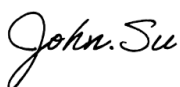


Certificate of Analysis

Date of Testing: 2022-07-26 13:16:36
Date of Next Testing: 2026-07-25 13:16:36
Product Name: **Ascorbic acid**
CAS Number: 50-81-7
Specifications & Purity: >99.0%(T)
Lot #: G2223070
SKU #: **A103533**
Analysis: **117818**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Loss on drying	0-0.1 (%)	0.03 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	20.5-21.5 (°)	20.55°
Iron(Fe)	0-0.0002 (ppm)	0.00 ppm
Purity(Iodometric Titration)	99-100 (%)	99.51 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.02 %
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00 %



John Su
QA & QC Manager