

Certificate of Analysis

Date of Testing: 2024-04-07 14:13:20
Date of Next Testing: 2028-04-06 14:13:20
Product Name: **Ascorbic acid**
CAS Number: 50-81-7
Specifications & Purity: 99.99% metals basis
Lot #: C2429096
SKU #: **A103534**
Analysis: **330678**
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Total Metallic Impurities	0-100 (ppm)	15.00 ppm
Purity (Based On Trace Metals Analysis)	99.99-100 (%)	100.00 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	20.5-21.5 (°)	20.50°
Appearance (A103534)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O, Colorless to Faint Yellow, Clear, 50 mg/ml	pass	Pass



John Su
QA & QC Manager