

Certificate of Analysis

Date of Testing: 2023-08-19 11:17:48
 Date of Next Testing: 2026-08-18 11:17:48
 Product Name: **L-Ascorbic acid**
 CAS Number: 50-81-7
 Specifications & Purity: anhydrous, ACS reagent, ≥99%
 Lot #: H2316558
 SKU #: **L432793**
 Version: **1**
 Analysis #: **260457**

Parameter	Limit Values	Result
Specific Rotation[α] ₂₅ /D(c=10 in H ₂ O)	20.5-21.5 (°)	20.86000°
Assay (Titration with Iodine)	99-100 (%)	99.80%
Ignition Residue	0-0.1 (%)	0.04%
Iron(Fe)	0-0.001 (%)	0.00%
Heavy metals	0-0.002 (%)	0.00%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(L432793)	white to off-white to yellowish,powder or crystals and/or chunks	white to off-white to yellowish,powder or crystals and/or chunks



John Su
 QA & QC Manager