

Certificate of Analysis

Date of Testing: 2023-08-19 14:04:41
Date of Next Testing: 2026-08-18 14:04:41
Product Name: **L-Ascorbic acid**
CAS Number: 50-81-7
Specifications & Purity: anhydrous, ACS reagent, ≥99%
Lot #: H2316557
SKU #: **L432793**
Version: **1**
Analysis #: **260457**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25/D}(c=10 \text{ in H}_2\text{O})$	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