

Certificate of Analysis

Date of Testing:	2023-08-19 11:12:39
Date of Next Testing:	2026-08-18 11:12:39
Product Name:	L-Ascorbic acid
CAS Number:	50-81-7
Specifications & Purity:	anhydrous, ACS reagent, ≥99%
Lot #:	H2316556
SKU #	L432793
Version	1
Analysis #:	260457

Parameter	Limit Values	Result
Specific Rotation[a] 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