

Certificate of Analysis

Date of Testing: 2025-06-26 14:02:48
 Date of Next Testing: 2028-06-25 14:02:48
 Product Name: **L-Ascorbic acid**
 CAS Number: 50-81-7
 Specifications & Purity: Moligand™, anhydrous, ACS, ≥99%
 Lot #: F2523622
 SKU #: **L432793**
 Version: **1**
 Analysis #: **530798**

Parameter	Limit Values	Result
Assay (Titration with Iodine)	99-100 (%)	99.90 %
Ignition Residue	0-0.1 (%)	0.02 %
Iron(Fe)	0-0.001 (%)	0.00 %
Heavy metals	0-0.002 (%)	0.00 %
Specific Rotation[α] _{25/D(c=10 in H₂O)}	20.5-21.5 (°)	20.89000 °
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager