

Certificate of Analysis

Date of Testing: 2025-03-07 18:04:48
Date of Next Testing: 2028-03-06 18:04:48
Product Name: **L-Ascorbic acid**
CAS Number: 50-81-7
Specifications & Purity: Moligand™, anhydrous, ACS, ≥99%
Lot #: C2506231
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