

Certificate of Analysis

Date of Testing: 2024-09-18 15:59:02
Date of Next Testing: 2027-09-18 15:59:02
Product Name: **L-Ascorbic acid**
CAS Number: 50-81-7
Specifications & Purity: reagent grade
Lot #: I2412059
SKU #: **L432791**
Version: **1**
Analysis #: **217627**

Parameter	Limit Values	Result
Purity(Iodometric Titration)	98-102.5 (%)	99.80 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	20.5-21.5 (°)	21.00 °
Appearance(L432791)	White to Off-White to Light Yellow Powder	White to off-white to light yellow powder
Solubility in H ₂ O,Colorless to Faint Yellow,Clear,50 mg/ml	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager