

Certificate of Analysis

Date of Testing: 2024-11-13 16:54:44

Date of Next Testing: 2028-11-12 16:54:44

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: AR, ≥99%(T)

Lot #: K2407197

SKU #: **A103533**

Version **1**

Analysis #: **436268**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Loss on drying	0-0.1 (%)	0.03 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	20.5-21.5 (°)	20.52°
Purity(Iodometric Titration)	99-100 (%)	100.00 %
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.0002 (%)	0.00 %



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