

## Certificate of Analysis

Date of Testing: 2025-06-28 09:38:43  
Date of Next Testing: 2029-06-27 09:38:43  
Product Name: **Ascorbic acid**  
CAS Number: 50-81-7  
Specifications & Purity: AR, ≥99%(T)  
Lot #: F2519310  
SKU #: **A103533**  
Version: **1**  
Analysis #: **535166**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Loss on drying	0-0.1 (%)	0.02 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	20.5-21.5 (°)	20.51°
Purity(Iodometric Titration)	99-100 (%)	100.00 %
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.0002 (%)	0.00 %



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