

## Certificate of Analysis

Date of Testing: 2022-09-09 18:55:08  
Date of Next Testing: 2026-09-08 18:55:08  
Product Name: **Ascorbic acid**  
CAS Number: 50-81-7  
Specifications & Purity: >99.0%(T)  
Lot #: I2208267  
SKU #: **A103533**  
Analysis: **133009**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Loss on drying	0-0.1 (%)	0.05 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	20.5-21.5 (°)	21.00°
Iron(Fe)	0-0.0002 (ppm)	0.00 ppm
Purity(Iodometric Titration)	99-100 (%)	100.00 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.03 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.002 (%)	0.00 %



John Su  
QA & QC Manager