



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	40704 - L-Ascorbic Acid extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.7% - [50-81-7]
Batch No	8403948
Analysis Date	27-Mar-2025
Date of Manufacture	March 2025
Expiry Date/Re-Test Date	March 2030
Molecular Formula	C ₆ H ₈ O ₆
Molecular Weight	176.13

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (T)	min. 99.7%	99.7%
Melting Point (Decomposition)	190 - 192°C	191.1°C
pH (5% aq. solution)	2.2 - 2.5	2.45
Specific rotation [α]	+20.5° to +21.5° (C=10, Water)	21.019°
Loss on drying	max. 0.1%	0.1%
Sulphated Ash	max. 0.1%	0.04%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO ₄)	max. 0.002%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes

FRM/82/11/4/40704 Rev No. 2 Date 03/07/2022

Prepared by Priti

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

This COA has been generated electronically and it is valid without signature.

an ISO 9001-2015, 17025:2017, CE, GMP Certified Company