



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L - ASCORBIC ACID LR

CAS No : 50-81-7
Mol. Formula : $C_6H_8O_6$
Mol. WT : 176.13
Date of Analysis : 11/01/21

Product code : 12480
Batch No : MCR-22684
Mfd. : Jan. 2021
Exp. : Dec. 2025

S. R	Test	Specification	Observation
1	Description	White to almost white to very pale yellow crystalline powder.	White crystalline powder.
2	Assay (iodometric)	99%w/w min	99.84%w/w
3	Melting Point	190 -192 ⁰ C	191.4 ⁰ C
4	Iron (Fe)	0.001% max	< 0.001%
5	Specific rotation $[\alpha]_D^{20}$ (C=10 in H₂O)	+20.5 to +21.5 ⁰	+21.0 ⁰
6	Heavy metals (as Pb)	0.001% max.	< 0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**HEAD-QUALITY ASSUARANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . **Fax:** + 91 22 2203 4442. **Email :** info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503