



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-ASCORBIC ACID AR FOR BIOCHEMISTRY

CAS No : 50-81-7
Mol. Formula : C₆H₈O₆
Mol. WT : 176.13
Date of Analysis : 26/12/22

Product code : 21980
Batch No : MCRT-13352-01
Mfd. : Dec. 2022
Exp. : Nov. 2027

S. R	Test	Specification	Observation
1	Description	White to almost white to very pale yellow crystalline powder.	Very pale yellow crystalline powder.
2	Assay	99.7 %w/w min	99.92%w/w
3	Specific rotation [α] ²⁰ _D (10% Solution)	+20.5 ⁰ to +21.5 ⁰ C	+21.0 ⁰ C
4	Loss on drying	0.1% max	0.06%
5	Sulphated ash	0.05% max	0.04%
6	Chloride (Cl)	0.005% max	< 0.005%
7	Sulphate (SO ₄)	0.002% max	< 0.002%
8	Copper (Cu)	0.0003% max	< 0.0003%
9	Heavy metals (as Pb)	0.001% max	< 0.001%
10	Iron (Fe)	0.0002% max	< 0.0002%
11	Lead (Pb)	0.001% max	< 0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Jyoti)**

**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**



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