



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 : 02/09/24

Product code : 21980
Batch No. : MCAR-00544
Mfd. : Sept. 2024
Exp. : Aug. 2029

S.R	Test	Specification	Observation
1	Description	White to almost white to very pale yellow powder or crystalline powder.	White crystalline powder.
2	Assay	99.7 %w/w min	99.81%w/w
3	Specific rotation [α] ²⁰ _D (10% Solution)	+20.5 ⁰ to +21.5 ⁰	+21.10 ⁰
4	Loss on drying	0.1% max	0.07%
5	Sulphated ash	0.05% max	0.03%
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]

**CHEMIST
(Swati)**

[QC Incharge]

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

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