



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L - ASCORBIC ACID LR

CAS No : 50-81-7
Mol. Formula : C₆H₈O₆
Mol. WT : 176.13
Date of Analysis : 23/09/23

Product code : 12480
Batch No : MCR-29354
Mfd. : Sept. 2023
Exp. : Aug. 2028

S. R	Test	Specification	Observation
1	Description	White to almost white to very pale yellow crystalline powder.	Almost white crystalline powder.
2	Assay (iodometric)	99%w/w min	99.86%w/w
3	Melting Point	190 -192 ⁰ C	191.2 ⁰ C
4	Iron (Fe)	0.001% max	< 0.001%
5	Specific rotation [α]²⁰_D (C=10 in H₂O)	+20.5 to +21.5 ⁰	+21.01 ⁰
6	Heavy metals (as Pb)	0.001% max.	< 0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Ketaki)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

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