



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : L - ASCORBIC ACID LR**

**CAS No : 50-81-7**  
**Mol. Formula : C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>**  
**Mol. WT : 176.13**  
**Date of Analysis : 12/01/24**

**Product code : 12480**  
**Batch No : MCR-30161**  
**Mfd. : Jan. 2024**  
**Exp. : Dec. 2028**

S. R	Test	Specification	Observation
1	<b>Description</b>	White to almost white to very pale yellow crystalline powder.	Almost white crystalline powder.
2	<b>Assay (iodometric)</b>	99%w/w min	99.84%w/w
3	<b>Melting Point</b>	190 -192 <sup>0</sup> C	191.8 <sup>0</sup> C
4	<b>Iron (Fe)</b>	0.001% max	< 0.001%
5	<b>Specific rotation [α]<sup>20</sup><sub>D</sub> (C=10 in H<sub>2</sub>O)</b>	+20.5 to +21.5 <sup>0</sup>	+20.99 <sup>0</sup>
6	<b>Heavy metals (as Pb)</b>	0.001% max.	< 0.001%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Durvas)**

**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.**