



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : L (+) TARTARIC ACID DEXTRORATATORY LR**

<b>CAS No</b>	<b>: 87-69-4</b>	<b>Product code</b>	<b>: 19300</b>
<b>Mol. Formula</b>	<b>: C<sub>4</sub>H<sub>6</sub>O<sub>6</sub></b>	<b>Batch No</b>	<b>: MCR-28587</b>
<b>Mol. WT</b>	<b>: 150.09</b>	<b>Mfd.</b>	<b>: June 2023</b>
<b>Date of analysis</b>	<b>: 21/06/23</b>	<b>Exp.</b>	<b>: May 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless crystals or white crystalline powder	A white crystalline powder.
2	<b>Assay</b>	99.0% w/w min	99.84% w/w
3	<b>Specific rotation<math>[\alpha]^{20}_D</math></b>	+11.9 <sup>0</sup> to 12.3 <sup>0</sup>	+12.2 <sup>0</sup>
4	<b>Chloride (Cl)</b>	0.002% max	< 0.002%
5	<b>Sulphate (SO<sub>4</sub>)</b>	0.05% max	< 0.05%
6	<b>Oxalate (C<sub>2</sub>O<sub>4</sub>)</b>	0.05% max	< 0.05%
7	<b>Iron (Fe)</b>	0.002% max	< 0.002%
8	<b>Loss on drying (105<sup>0</sup>c)</b>	0.5% max	0.12%
9	<b>Sulphated ash</b>	0.1% max	0.05%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Jyoti)**

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

**Note:** Computer generated image requires no sign.

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