



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L (+) TARTARIC ACID DEXTRORATATORY LR

CAS No	: 87-69-4	Product code	: 19300
Mol. Formula	: C₄H₆O₆	Batch No	: MCR-27676
Mol. WT	: 150.09	Mfd.	: Feb. 2023
Date of analysis	: 19/02/23	Exp.	: Jan. 2028

S.R	Test	Specification	Observation
1	Description	Colourless or white crystals or crystalline powder	A white crystalline powder.
2	Assay	99.0% w/w min	99.63% w/w
3	Specific rotation$[\alpha]^{20}_D$	+11.9 ⁰ to 12.3 ⁰	+12.0 ⁰
4	Chloride (Cl)	0.002% max	< 0.002%
5	Sulphate (SO₄)	0.05% max	< 0.05%
6	Oxalate (C₂O₄)	0.05% max	< 0.05%
7	Iron (Fe)	0.002% max	< 0.002%
8	Loss on drying (105⁰c)	0.5% max	0.37%
9	Sulphated ash	0.1% max	0.08%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Deepa)**

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

Note: Computer generated image requires no sign.

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