CERTIFICATE OF ANALYSIS

PRODUCT NAME : L (+) TARTARIC ACID DEXTRORATATORY LR

CAS No	**: 87-69-4**	**Product code**	**: 19300**
Mol. Formula	**: $C_4H_6O_6$**	**Batch No.**	**: MCR-25156**
Mol. WT	**: 150.09**	**Mfd.**	**: Feb. 2022**
Date of analysis	**: 27/02/22**	**Exp.**	**: Jan. 2027**

S. R	Test	Specification	Observation
1	**Description**	A white crystals or crystalline powder	A white crystalline powder
2	**Assay**	99.0% w/w min	99.69% 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 (SO_4)**	0.05% max	< 0.05%
6	**Oxalate (C_2O_4)**	0.05% max	< 0.05%
7	**Iron (Fe)**	0.002% max	< 0.002%
8	**Loss on drying (105^0c)**	0.5% max	0.17%
9	**Sulphated ash**	0.1% max	0.06%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By] **[QC Incharge]**

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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