CERTIFICATE OF ANALYSIS

PRODUCT NAME : L (+) TARTARIC ACID DEXTROROTATORY AR

CAS No	**: 87-69-4**	**Product code**	**: 26440**
Mol. Formula	**: $C_4H_6O_6$**	**Batch No.**	**: MCAR-00417**
Mol. WT	**: 150.09**	**Mfd.**	**: July 2024**
Date of analysis	**: 26/07/24**	**Exp.**	**: June 2029**

S.R	Test	Specification	Observation
1	**Description**	Colourless crystals or white crystalline powder.	White crystalline powder
2	**Assay**	99.5% min	99.78%
3	**Specific rotation$[\alpha]^{20}_D$**	+11.9º to+12.3º	+12.10º
4	**Insoluble matter**	0.005%max	0.002%
5	**Sulphated ash**	0.01%max	0.008%
6	**Chloride (Cl)**	0.0005%max	<0.0005%
7	**Sulphate (SO_4)**	0.01%max	<0.01%
8	**Lead (Pb)**	0.0005%max	<0.0005%
9	**Iron (Fe)**	0.0005% max	<0.0005%
10	**Calcium (Ca)**	0.002%max	<0.002%
11	**Nickel (Ni)**	0.0001%max	<0.0001%
12	**Magnesium (Mg)**	0.002%max	<0.002%
13	**Oxalate (C_2O_4)**	0.01%max	<0.01%
14	**Phosphate (PO_4)**	0.0005%max	<0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Swati)

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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