



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L (+) TARTARIC ACID DEXTRORATATORY LR

CAS No : 87-69-4
Mol. Formula : C₄H₆O₆
Mol. WT : 150.09
Date of analysis : 22/12/22

Product code : 19300
Batch No. : MCR-27274
Mfd. : Dec. 2022
Exp. : Nov. 2027

| S. R | Test | Specification | Observation |
|------|--|--|--------------------------|
| 1 | Description | Colourless or white crystals or crystalline powder | White crystalline powder |
| 2 | Assay | 99.0% w/w min | 99.25% w/w |
| 3 | Specific rotation $[\alpha]^{20}_D$ | +11.9 ⁰ to 12.3 ⁰ | +12 ⁰ |
| 4 | Chloride (Cl) | 0.002% max | < 0.002% |
| 5 | Sulphate (SO ₄) | 0.05% max | < 0.05% |
| 6 | Oxalate (C ₂ O ₄) | 0.05% max | < 0.05% |
| 7 | Iron (Fe) | 0.002% max | < 0.002% |
| 8 | Loss on drying (105 ⁰ c) | 0.5% max | 0.3% |
| 9 | Sulphated ash | 0.1% max | 0.08% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Priyanka)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

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Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,

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