



## CERTIFICATE OF ANALYSIS

Date: 04/09/18

PRODUCT NAME : TARTARIC ACID LR (+) DEXTRO ROTATORY

CAS No : 87-69-4  
Mol. Formula : C<sub>4</sub>H<sub>6</sub>O<sub>6</sub>  
Mol. WT : 150.09  
Exp. : Aug. 2023

Product code : 19300  
Batch No : MCR-16807  
Mfd. : Sept. 2018

S. R	Test	Specification	Observation
1	Description	A white crystals or crystalline powder	A white crystalline powder
2	Assay	99.0% w/w min	99.71% w/w
3	Specific rotation $[\alpha]^{20}_D$	+11.9 <sup>0</sup> to 12.3 <sup>0</sup>	+12.25 <sup>0</sup>
4	Chloride (Cl)	0.002% max	< 0.002%
5	Sulphate (SO <sub>4</sub> )	0.05% max	< 0.05%
6	Oxalate (C <sub>2</sub> O <sub>4</sub> )	0.05% max	< 0.05%
7	Iron (Fe)	0.002% max	< 0.002%
8	Loss on drying (105 <sup>0</sup> c)	0.5% max	0.07%
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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