



## CERTIFICATE OF ANALYSIS

Date: 18/03/17

PRODUCT NAME : TARTARIC ACID EXTRA PURE (+) DEXTRO ROTATORY

CAS No : 87-69-4  
Mol. Formula :  $C_4H_6O_6$   
Mol. WT : 150.09  
Exp. : Feb. 2022

Product code : 19300  
Batch No : MCR-13370  
Mfd. : March 2017

S. R	Test	Specification	Observation
1	Assay	99.0% w/w min	99.96% w/w
2	Specific rotation $[\alpha]^{20}_D$	+11.9 <sup>0</sup> to 12.3 <sup>0</sup>	+12.2 <sup>0</sup>
3	Chloride (Cl)	0.002% max	< 0.002%
4	Sulphate (SO <sub>4</sub> )	0.05% max	< 0.05%
5	Oxalate (C <sub>2</sub> O <sub>4</sub> )	0.05% max	< 0.05%
6	Iron (Fe)	0.002% max	< 0.002%
7	Loss on drying (105 <sup>0</sup> c)	0.5% max	0.2%
8	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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