

# **Product Information**

Revision : 00 Date of Revision: 13.04.2019

## L-(+)-Tartaric acid, Hi-AR<sup>TM</sup>/ACS

### GRM7542

#### **Product Identifier**

CAS No.		87-69-4
EC No.		201-766-0
Molecular Formula	:	$C_4H_6O_6$
Molecular Weight	:	150.09
HS Code	:	2918 12 00
Storage	:	Below 30°C
Shelf life	:	4 years

#### **Technical Specification**

Appearance	: Colourless or white to off-white crystals or powder or solid
	or granules
Solubility	: 100 mg soluble in 1 mL of water
FTIR	: Matches with the standard pattern
Melting range	: 168 - 173°C
Specific rotation	: $+12.00^{\circ}$ to $+13.00^{\circ}$ (c= 20% in water at 20°C)
Chloride (Cl)	: <= 0.0010%
Iron (Fe)	: <= 0.0005%
Insoluble matter	: <= 0.005%
Sulphur compounds (as SO <sub>4</sub> )	: <= 0.002%
Residue after ignition	: <= 0.02%
Oxalate $(C_2O_4)$	: Passes test
Phosphate (PO <sub>4</sub> )	: <= 0.001%
Heavy metals (as Pb)	: <= 0.0005%
Assay (NaOH Titration/GC)	: 99.50 - 102.00%

#### **Safety Information**

Hazard Pictogram(s)	
Signal Word	: Danger
Hazard Statement(s)	: H318
Precautionary Statement(s)	: P280- P305+P351+P338
UN No.	: Not dangerous goods
Class	: -
Packing Group	: -
RTECS	: WW7875000
WGK	: 3

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