

## 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 <sub>4</sub> H <sub>6</sub> O <sub>6</sub>
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° to +13.00° (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 <sub>2</sub> O <sub>4</sub> )	:	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- P310
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	WW7875000
WGK	:	1

