

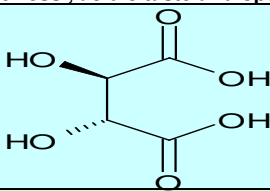


SDFCL
s d fine-chem limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\D:PS\20277XPS.xls		
PRODUCT CODE	20277		
PRODUCT NAME	L-(+)-TARTARIC ACID AR, ACS, ISO Meets Analytical Specification of IP, BP, Ph. Eur		
SYNONYMS	[dextro-rotatory (+) tartaric acid]		
C.I. NO.	--		
CASR NO.	(87-69-4)		
ATOMIC OR MOLECULAR FORMULA	(CHOHCOOH) ₂		
ATOMIC OR MOLECULAR WEIGHT	150.09		
PROPERTIES	Odourless , acidic taste and optically active		
			
PARAMETER	LIMIT		
Description	Colourless crystals or white or almost white crystalline powder		
Solubility	10% solution in water is clear and colourless to not more than slightly coloured.		
Identification	Passes test.		
Assay (on dried sub.; Acidimetric)	99.5 – 100.5%		
20° Specific rotation (α) (C=20, Water) D	+12° to +12.8°		
Loss on drying (at 105°C)	Max. 0.2%		
Sulphated ash	Max. 0.01%		
MAXIMUM LIMIT OF IMPURITIES			
Insoluble matter	0.005%		
Chloride (Cl)	0.0005%		
Phosphate (PO ₄)	0.0005%		
Sulphate (SO ₄)	0.01%		
Arsenic (As)	0.00002%		
Copper (Cu)	0.00005%		
Calcium (Ca)	0.002%		
Iron (Fe)	0.0003%		
Heavy metals (as Pb)	0.0005%		
Lead (Pb)	0.0005%		
Magnesium (Mg)	0.002%		
Oxalate (C ₂ O ₄)	0.01%		
Organic volatile impurities	Meets the requirements.		
Note(s) : 1] Assay (if applicable) method mentioned. 2] "Being natural products pale yellow colour do not effect the quality."			
WARNING Hazard statements : Causes eye irritation. Precautionary statements Prevention: Wash hands thoroughly after handling. Response: If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Disposal: Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large volumes of running water. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.			IMDG Code :-- UN No. :-- IATA :--
Hazard Pictogram(s) :--			
Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No.: 02 Revision dt. : 02.04.2010 AMEND NO. : 1554

