



Product Specification

L (+) TARTARIC ACID AR

PRODUCT CODE	655745
SYNONYMS	(dextro-rotatory (+) tartaric acid)
C.I. NO.	--
CASR NO.	(87-69-4)
ATOMIC OR MOLECULAR FORMULA	(CHOH.COOH) ₂
ATOMIC OR MOLECULAR WEIGHT	150.09
PROPERTIES	Odourless , acidic taste and optically active

(CHOH.COOH)₂

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%
Specific Rotation $[\alpha]_{D}^{20}$ (C=20%soln in water)	+ 12°to + 12.8°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C)	0.2%
Sulphated ash	0.01%
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."



Central Drug House (P) Ltd.

AN ISO 9001:2008 CERTIFIED COMPANY

Manufacturers of : Laboratory Fine Chemicals & Dehydrated Culture Media

www.cdhfinechemical.com

<p>WARNING</p> <p>Hazard statements : Causes eye irritation.</p> <p>Precautionary statements</p> <p>Prevention: Wash hands thoroughly after handling.</p> <p>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.</p>	<p>IMDG Code :</p> <p>UN No. :</p> <p>IATA :</p>
<p>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..</p>	
<p><i>Hazard pictogram (s) :</i></p>	