



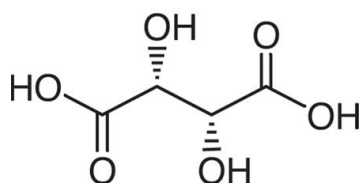
Certificate of Analysis.

Tartaric acid reference standard according to USP, Anstan[®].

Product Code:	BS14023.
Description:	Tartaric acid reference standard according to USP, Anstan[®].
Chemical Name:	L-(+)-Tartaric Acid.
Pack:	5 gm.
CAS NO.:	87-69-4.
Mol. Weight:	150.09 g/mol.
Mol. Formula:	C₄H₆O₆.
MDL Number:	MFCD00064207.
Melting point:	171 °C.
Boiling Point:	191.59°C.
Density:	1.76 g/cm³.
Solubility:	Soluble in water.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Test	Specification	Measured Values
Appearance:	White or Colorless powder to crystal.	Lot specific.
Identification by NMR:	Confirms to the structure.	Lot specific.
Identification by MASS:	Confirms to the structure.	Lot specific.
Identification by IR:	Confirms to the structure.	Lot specific.
Specific rotation:	+12.0° to +13.0° (C=20, H ₂ O)	Lot specific.
Assay by titration:	>99.5%.	Lot specific.

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.




Dr. K. Deepti.
Technical Head.

