



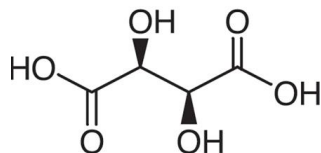
Certificate of Analysis.

D-(-)-Tartaric acid reference standard, AnStan[®].

Product code:	BS14401.
Description:	D-(-)-Tartaric acid reference standard, AnStan[®].
Chemical Name:	Butanedioic acid.
Pack:	5 gm.
CAS NO.:	147-71-7.
Mol. Weight:	150.09 g/mol.
Mol. Formula:	C₄H₆O₆.
MDL Number:	MFCD00004238.
Melting point:	169°C.
Boiling Point:	356° 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 to Almost white powder to crystal.	Lot specific.
Specific rotation (α):	-13 to 14° (C=10, water).	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.
Purity by HPLC:	>98%.	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.

