



Certificate of Analysis.

**Barium Sulphate reference standard according to USP/Ph. Eur/BP/IP,
AnStan[®].**

Product Code:	BS13818.
Description:	Barium Sulphate reference standard according to USP/Ph. Eur/BP/IP, AnStan[®].
Chemical Name:	Barium Sulphate.
Pack:	5 gm.
CAS No.:	7727-43-7.
Mol. Weight:	233.39 g/mol.
Mol. Formula:	BaSO₄.
MDL Number:	MFCD00003455.
Melting Point:	1580°C.
Boiling point:	330 °C.
Density:	3.97 g/cm³.
Solubility:	Soluble in hot conc. sulfuric acid.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Characteristics	Specification	Measured Values
Appearance:	White crystalline solid.	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.
Assay (Gravimetric ;as BaSO ₄):	>98%.	Lot specific.




**Dr.K. Deepti.
Technical Head.**



Plot No. 78/B/13, SY-79, Phase-VI, Jeedimetla.Hyderabad,
Telangana-500 055, India.