



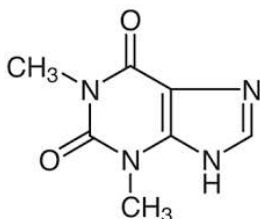
Certificate of Analysis.

Theophylline melting point standard according to USP, AnStan[®].

Product Code:	BS13521.
Description:	Theophylline melting point standard according to USP, AnStan[®].
Chemical Name:	1,3-Dimethylxanthine.
Pack Size:	1 gm.
CAS NO.:	58-55-9.
Mol. Weight:	180.17g/mol.
Mol. Formula:	C₇H₈N₄O₂.
MDL Number:	MFCD00079619.
Boiling Point:	312.97°C.
Density:	1.465 g/cm³.
Solubility:	Solubility in water.
Storage	Store at Ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Characteristics	Specification	Measured Values
Appearance:	White to Almost white 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
Assay:	>99%.	Lot specific.
Melting point:	271-273 °C.	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.

