



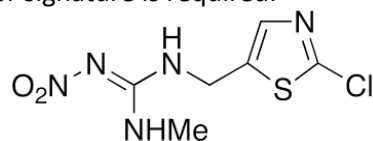
Certificate of Analysis.

Clothianidin reference standard, Anstan[®].

Product code:	BS14036.
Description:	Clothianidin reference standard, Anstan[®].
Chemical Name:	E)-N-[(2-Chloro-5-thiazolyl)methyl]-N'-methyl-N''-nitroguanidine.
Pack:	50 mg.
CAS NO.:	210880-92-5.
Mol. Weight:	249.68 g/mol.
Mol. Formula:	C₆H₈ClN₅O₂S.
MDL Number:	MFCD06200753.
Melting point:	178.8 °C.
Boiling point:	412.5 °C.
Density:	1.6 g/cm³.
Solubility:	Slightly soluble in DMSO.
Storage:	Store at 2-8°C Refrigerator.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Test	Specification	Measured Values
Appearance:	White to light yellow powder to crystals.	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.

