



Certificate of Analysis.

Lidocaine secondary standard, certified reference material (CRM).

Product code:	BS16142.
Description:	Lidocaine secondary standard, certified reference material (CRM).
Synonym:	2-Diethylamino-N-(2,6-dimethylphenyl)acetamide.
Pack:	1 gm.
CAS NO.:	137-58-6.
Mol. Weight:	234.34 g/mol.
Mol. Formula:	C₁₄H₂₂N₂O.
MDL Number:	MFCD00026733.
Melting point:	69 °C.
Boiling Point:	182 °C/4 mmHg.
Density:	0.9944 g/cm³.
Solubility:	Soluble in chloroform.
Storage:	Store at ambient temperature.
Batch No:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	3 years.

Test	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.
Purity by HPLC:	≥99%.	Lot specific.

Comparative Purity:

Test	In-house LOT (Lot specific)	USP LOT (Lot specific)
Purity by HPLC:	Lot specific.	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.

