

Certificate of Analysis.

Imidazole secondary standard, certified reference material (CRM).

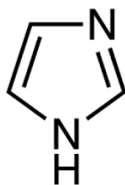
Product code:	BS15891.
Description:	Imidazole secondary standard, certified reference material (CRM).
Synonym:	1,3-Diaza-2,4-cyclopentadiene.
Pack:	5 gm.
CAS NO.:	288-32-4.
Mol. Weight:	68.08 g/mol.
Mol. Formula:	C₃H₄N₂.
MDL Number:	MFCD00005183.
Melting point:	89.7°C.
Boiling Point:	256 °C.
Density:	1.233 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 Crystals.	Lot specific.
Water content:	≤0.5%.	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 GC:	≥99.8%.	Lot specific.

Comparative Purity:

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



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