



Certificate of Analysis.

Amoxicillin EP Impurity D.

Product code:	BS16225.
Description:	Amoxicillin EP Impurity D.
Synonym:	Amoxicillin related compound D, Amoxicillin Penicilloic Acid, Amoxicillin Open Ring Impurity.
Pack:	100 mg.
CAS NO.:	1642629-94-4.
Mol. Weight:	383.42 g/mol.
Mol. Formula:	C₁₆H₂₁N₃O₆S.
MDL Number:	MFCD30802895.
Boiling Point:	764.0 °C
Density:	1.432 g/cm³.
Solubility:	Soluble in methanol, DMSO.
Storage:	Store at 2-8°C Refrigerator.
Batch No:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	3 years.

Test	Specification	Measured Values
Appearance:	White to off white powder.	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:	≥95%.	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.

