



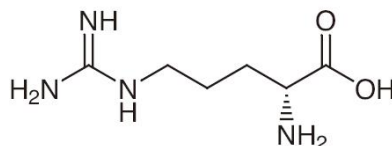
Certificate of Analysis.

D-Arginine reference standard, Anstan[®].

Product code:	BS13961.
Description:	D-Arginine reference standard, Anstan[®].
Chemical Name:	H-D-Arg-OH.
Pack:	1 gm.
CAS NO.:	157-06-2.
Mol. Weight:	174.20 g/mol.
Mol. Formula:	C₆H₁₄N₄O₂.
MDL Number:	MFCD00063116.
Melting point:	226 °C.
Boiling Point:	305.18°C.
Density:	1.2297 g/cm³.
Solubility:	Soluble in water.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Test	Specification	Measured Values
Appearance:	White powder to crystal.	Lot specific.
Specific rotation [α] ₂₀ /D:	-24.0 to -28.0 ° (C=8, 6mol/L HCl)	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 by Titration:	>99%.	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.

