

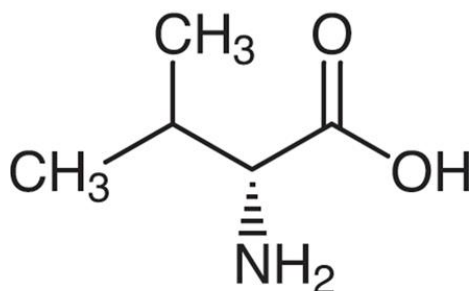
Certificate of Analysis.

D-Valine reference standard, Anstan®.

Product code:	BS13967.
Description:	D-Valine reference standard, Anstan®.
Chemical Name:	D-2-Aminoisovaleric Acid.
Pack:	1 gm.
CAS NO.:	640-68-6.
Mol. Weight:	117.15 g/mol.
Mol. Formula:	C₅H₁₁NO₂.
MDL Number:	MFCD00064219.
Melting point:	314 °C.
Boiling Point:	385.2°C.
Density:	1.2375 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 to Almost white powder to crystal.	Lot specific.
Specific rotation (α):	-32.0° to -24.0° (C=8% in 6N 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.

