

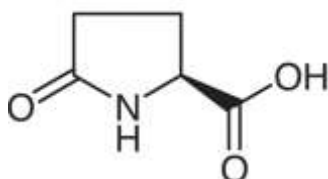


Certificate of Analysis.

L-Pyroglutamic acid Reference Standard, AnStan[®].

Product Code:	BS13825.
Description:	L-Pyroglutamic acid Reference Standard, AnStan[®].
Chemical Name:	L-Glutamic Acid Lactam.
Pack:	5 gm.
CAS No.:	98-79-3.
Mol. Weight:	129.12 g/mol.
Mol. Formula:	C₅H₇NO₃.
MDL Number:	MFCD00005272.
Melting Point:	160 °C.
Boiling point:	453.1 °C.
Density:	1.3816 g/cm³.
Solubility:	Soluble in methanol.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Characteristics	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.



Dr.K. Deepti.
Technical Head.

