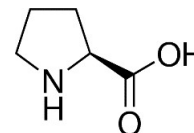


L-PROLINE FOR BIOCHEMISTRY

PRODUCT CODE	R01395
SYNONYMS	--
C.I. NO.	--
CASR NO.	(147-85-3)
ATOMIC OR MOLECULAR FORMULA	NH(CH ₂) ₃ CHCOOH
ATOMIC OR MOLECULAR WEIGHT	115.13
PROPERTIES	Soluble in water and alcohol, insoluble in ether.



PARAMETER LIMIT

Description	White to off white crystalline powder.
Minimum Assay (Non-aqueous; on dried material)	99.0%
Specific rotation (α) 20° D (C=2, in water)	- 86°to – 84°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	0.5%
Sulphated ash	0.1%
Iron (Fe)	0.001%
Lead (Pb)	0.001%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements :Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG Code :--

UN No. :--

IATA :--

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :--



GHS05

GHS07

Replace Date 1 April 2023