

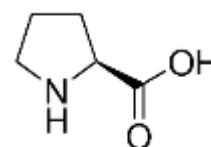


Product Specification

cdhfinechemical.com

L-PROLINE

PRODUCT CODE	H62635
SYNONYMS	--
C.I. NO.	--
CASR NO.	(147-85-3)
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₉ NO ₂
ATOMIC OR MOLECULAR WEIGHT	115.13
PROPERTIES	Soluble in water and alcohol, insoluble in ether.



PARAMETER	LIMIT
Description	White to off white crystalline powder.
Solubility	10% aq. solution clear colourless.
Minimum Assay (Non-aqueous; on dried material)	99.0%
Specific rotation (α) 20° (C=2, in water) D	- 85.5°to – 84°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying	0.5%
Sulphated ash	0.1%
Chloride (Cl)	0.01%
Sulphate (SO ₄)	0.01%
Iron (Fe)	0.001%
Heavy metals (Pb)	0.001%
Ammonium (NH ₄)	0.01%
Homogeneity by TLC	Passes test

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) :--