

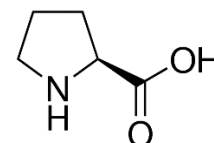


# Product Specification

cdhfinechemical.com

## L-PROLINE FOR BIOCHEMISTRY

<b>PRODUCT CODE</b>	<b>037143</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(147-85-3)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>NH(CH<sub>2</sub>)<sub>3</sub>CHCOOH</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>115.13</b>
<b>PROPERTIES</b>	Soluble in water and alcohol, insoluble in ether.



<b>PARAMETER</b>	<b>LIMIT</b>
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) :--**