



68128

## L-Proline USP

Part A

CAS : 147-85-3

Molecular Formula : C<sub>5</sub>H<sub>9</sub>NO<sub>2</sub>

Molecular Weight : 115.13

### Specifications

Appearance (Colour)	White , odorless
Appearance (Form)	Crystals
Solubility	Freely soluble in water and in absolute alcohol
Identification (IR Spectrum)	A) Passes
Assay (On dry basis)	98.5 - 101.5%
Residue on ignition	NMT. 0.4%
Chloride (Cl)	NMT. 0.05%
Sulphate (SO <sub>4</sub> )	NMT. 0.03%
Iron (Fe)	NMT. 30ppm
Related impurities	By TLC Individual impurities : NMT 0.5% Total impurities : NMT. 2.0%
Specific rotation [?]	-84.3° to -86.3° (40mg/ml in water)
Loss on drying	NMT. 0.4%
Reference	USP 44

### General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
1 Kg	29224990 (GST 18%)
25 Kg	29224990 (GST 18%)
5 Kg	29224990 (GST 18%)

### Available Packages

1 Kg

5 Kg

#### Disclaimer

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