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## L-Proline, Plant Culture Tested

**PCT0317**

### Product Identifier

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CAS No.	:	147-85-3
EC No.	:	205-702-2
Molecular Formula	:	C <sub>5</sub> H <sub>9</sub> NO <sub>2</sub>
Molecular Weight	:	115.13
HS Code	:	2933 99 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

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Appearance	:	White or almost white solid or crystals or powder
Solubility	:	Clear colorless solution at 1000 mg in 1 mL of water
pH (10% in water at 25°C)	:	5.90 - 6.90
FTIR	:	Matches with the standard pattern
Specific rotation	:	-86.30° to -84.30 (c = 4% in water at 25°C)
Assay (NT)	:	99.00 - 101.50%
Plant Tissue Culture Test	:	Passes

### Safety Information

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UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	TW3584000
WGK	:	1