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## L-Ornithine monohydrochloride, Plant Culture Tested

**PCT0323**

### Product Identifier

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CAS No.	:	3184-13-2
EC No.	:	221-678-6
Molecular Formula	:	C <sub>5</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> .HCl
Molecular Weight	:	168.62
HS Code	:	2922 49 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

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Appearance	:	White to off-white crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of water
pH (1 M in water at 25°C)	:	5.00 - 6.00
FTIR	:	Matches with the standard pattern
Specific rotation	:	+22.0° to +25.0° (c = 4% in 6M HCl, at 20°C)
Assay (AT/NT)	:	99.00 - 102.00%
Plant Tissue Culture Test	:	Passes

### Safety Information

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