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## L-Aspartic acid, Plant Culture Tested

**PCT0304**

### Product Identifier

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CAS No.	:	56-84-8
EC No.	:	200-291-6
Molecular Formula	:	C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub>
Molecular Weight	:	133.10
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 dilute hydrochloric acid
FTIR	:	Matches with the standard pattern
Specific rotation	:	+24.0° to +26.0° (c = 8% in 6N hydrochloric acid)
Loss on drying (at 105°C, 3 hr)	:	<= 0.50%
Assay (NT/NaOH Titration, on dry basis)	:	99.00 - 101.00%
Plant Tissue Culture Test	:	Passes

### Safety Information

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UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	CI9098500
WGK	:	1