

## L-Leucine, Plant Culture Tested

**PCT0313**

### Product Identifier

CAS No.	:	61-90-5
EC No.	:	200-522-0
Molecular Formula	:	$C_6H_{13}NO_2$
Molecular Weight	:	131.17
HS Code	:	2922 49 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	White to off-white crystals or powder or shiny flakes
Solubility	:	Clear solution at 33.3 mg in 1 mL of 1 N NaOH / dilute hydrochloric acid
pH (1% in water at 25°C)	:	5.50 - 7.00
FTIR	:	Matches with the standard pattern
Specific rotation	:	+14.0° to +17.3° (c = 4% in 6 M HCl at 25°C)
Assay (HPLC/NT)	:	99.00 - 102.00%
Plant Tissue Culture Test	:	Passes test

### Safety Information

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