

PCT0313 L-Leucine, Plant Culture Tested**Product Number Packing**

PCT0313	: 25G
PCT0313	: 500G

Product Information

Product Code	: PCT0313
Product Name	: L-Leucine, Plant Culture Tested
Molecular Formula	: C ₆ H ₁₃ NO ₂
Molecular Weight	: 131.17
CAS No.	: 61-90-5
EC No.	: 200-522-0
HS Code	: 2922 49 85
Shelf Life	: 4 years

Technical Specification

Appearance	: White to off-white crystals or powder or shiny flakes
Solubility	: 33.3 mg soluble in 1 mL of 1 N NaOH / dilute hydrochloric acid
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2°C), Photoperiod Day: Night in hours (16:8)
Shoot culture	: No structural deformity observed, actively growing shoots, no toxicity to shoots
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus
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 - 101.00%

Risk and Safety Information

WGK	: 1
Storage Temperature(°C)	: Store below 30°C

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods