

PCT0319 L-Threonine, Plant Culture Tested**Product Number Packing**

PCT0319	: 5G
PCT0319	: 25G
PCT0319	: 500G

Product Information

Product Code	: PCT0319
Product Name	: L-Threonine, Plant Culture Tested
Synonym	: L-2-Amino-3-hydroxybutyric acid
Molecular Formula	: C ₄ H ₉ NO ₃
Molecular Weight	: 119.12
CAS No.	: 72-19-5
EC No.	: 200-774-1
HS Code	: 2922 50 00
Shelf Life	: 4 years

Technical Specification

Appearance	: White to off-white crystals or powder or glistening flakes
Solubility	: 33.3 mg soluble in 1 mL of water
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	: -29.0° to -26.0° (c = 6% in water at 20°C)
Assay (NT)	: 99.00 - 102.00%

Risk and Safety Information

WGK	: 1
RTECS	: XO8590000
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