Technical Information

L- Tryptophan Plant Culture Tested

Product Code: PCT1320

Product Information

Product Code	: PCT1320
Product Name	: L-Tryptophan, Plant Culture Tested
Molecular Formula	: $C_{11}H_{12}N_2O_2$
Molecular Weight	: 204.23
CAS No.	: 73-22-3

Technical Specification

Appearance	: White to off-white crystals or crystalline powder.
Solubility	: Soluble in 0.5M hydrochloric acid.
pH (1% in water at 25°C)	: 5.50 - 7.00
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
Specific rotation (c = 1% in water at 25°C)	: -33.0° to -29.4°
Melting range	: 280 - 285°C
Minimum assay (HPLC/NT)	: 98.00 %

Risk And Safety Information

WGK	: 1
RTECS	: YN6130000
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

Disclaimer :