

PCT0811 Putrescine dihydrochloride, Plant Culture Tested

Product Number

Packing

PCT0811	: 1G
PCT0811	: 5G


Product Information

Product Code	: PCT0811
Product Name	: Putrescine dihydrochloride, Plant Culture Tested
Synonym	: 1,4-Butanediamine dihydrochloride
Molecular Formula	: $C_4H_{12}N_2 \cdot 2HCl$
Molecular Weight	: 161.07
CAS No.	: 333-93-7
EC No.	: 206-375-9
HS Code	: 2921 29 00
Shelf Life	: 3 years

Technical Specification

Appearance	: White crystals or powder
Solubility	: 100 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
Water (K.F.)	: <= 3.00%
Assay (AT/NT, on anhydrous basis)	: 99.00 - 102.00%

GHS Safety Information

Hazard Statement(s)	: H315-H319-H335
Precautionary Statement(s)	: P261-P305+P351+P338
Signal Word	: Warning
Hazard Pictogram(s)	

Risk and Safety Information

R-Phrase(s)	: 36/37/38
S-Phrase(s)	: 26-36
WGK	: 3
RTECS	: EJ7280000
Storage Temperature(°C)	: Store below 30°C

Hazard Symbol(s)



Transport Information

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