

**PCT0210 Nicotinic acid, Plant Culture Tested**

**Product Number Packing**

PCT0210	: 100G
PCT0210	: 25G


**Product Information**

Product Code	: PCT0210
Product Name	: Nicotinic acid, Plant Culture Tested
Synonym	: Niacin; Vitamin B3
Molecular Formula	: C <sub>6</sub> H <sub>5</sub> N O <sub>2</sub>
Molecular Weight	: 123.11
CAS No.	: 59-67-6
EC No.	: 200-441-0
HS Code	: 2936 29 00
Shelf Life	: 3 years

**Technical Specification**

Appearance	: White to off-white crystals or powder
Solubility	: 10 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 (KBr disc)	: Matches with the standard pattern
Calcium (Ca)	: <= 0.001%
Heavy metals (as Pb)	: <= 0.0005%
Iron (Fe)	: <= 0.0005%
Assay (NaOH Titration)	: 99.50 - 102.50 %

**GHS Safety Information**

Hazard Statement(s)	: H319
Precautionary Statement(s)	: 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	: 1
RTECS	: QT0525000
Flash Point(°F)	: 379.4 °F

Flash Point(°C) : 193 °C  
Storage Temperature(°C) : Store below 30°C  
Hazard Symbol(s)



## Transport Information

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Marine Pollutant : -  
ADR/RID : Not Dangerous Goods  
IMDG : Not Dangerous Goods  
IATA : Not Dangerous Goods