

Technical Information

Niacin Plant Culture Tested

Product Code: PCT1210

Product Information

Product Code	: PCT1210
Product Name	: Niacin, Plant Culture Tested
Synonym	: Nicotinic acid), Vitamin B3
Molecular Formula	: $C_6H_5NO_2$
Molecular Weight	: 123.11
CAS No.	: 59-67-6

Technical Specification

Appearance	: White to off-white crystals or crystalline powder.
Solubility	: Soluble in 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.
Calcium (Ca)	: ≤ 0.001%
Heavy metals (as Pb)	: ≤ 0.0005%
Iron (Fe)	: ≤ 0.0005%
Minimum assay (NaOH Titration)	: 99.50 %

GHS Safety Information

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

GHS07

Risk And Safety Information

WGK	: 1
RTECS	: QT0525000
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



Plant Culture
Tested



Product Specification

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Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.