

Technical Information

Ammonium Dihydrogen Phosphate Plant Culture Tested

Product Code: PCT1001

Product Information

Product Code	: PCT1001
Product Name	: Ammonium Dihydrogen Phosphate, Plant Culture Tested
Molecular Formula	: $\text{NH}_4\text{H}_2\text{PO}_4$
Molecular Weight	: 115.03
CAS No.	: 7722-76-1

Technical Specification

Appearance	: White crystalline powder.
Solubility	: Soluble in water.
pH (5% w/v aqueous solution at 25°C.)	: 3.90 - 4.90
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
Chloride (Cl)	: ≤ 0.0005%
Magnesium (Mg)	: ≤ 0.0005%
Calcium (Ca)	: ≤ 0.001%
Heavy metals (as Pb)	: ≤ 0.0005%
Iron (Fe)	: ≤ 0.001%
Sulphate (SO_4)	: ≤ 0.01%
Insoluble matter	: ≤ 0.005%
Sodium (Na)	: ≤ 0.005%
Nitrate (NO_3)	: ≤ 0.001%
Potassium (K)	: ≤ 0.005%
Minimum assay	: 98.00 %

Risk And Safety Information

WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store below 30°C

Transport Information

ADR/RID	: No
Marine Pollutant	: 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.
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