

Technical Information

Ammonium Sulphate, Plant Culture Tested

Product Code: PCT1003

Product Information

Product Code	: PCT1003
Product Name	: Ammonium Sulphate, Plant Culture Tested
Molecular Formula	: $(\text{NH}_4)_2\text{SO}_4$
Molecular Weight	: 132.14
CAS No.	: 7783-20-2

Technical Specification

Appearance	: Colourless crystals / white crystalline powder.
Solubility	: Soluble in water.
Reaction	: Reaction of 5% w/v aqueous solution at 25°C.
pH	: 5.00 - 6.00
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
Chloride (Cl)	: ≤ 0.0005%
Heavy metals (as Pb)	: ≤ 0.0005%
Arsenic (As)	: ≤ 0.000002%
Iron (Fe)	: ≤ 0.0005%
Insoluble matter	: ≤ 0.005%
Nitrate (NO ₃)	: ≤ 0.001%
Selenium	: ≤ 0.003%
Phosphate (PO ₄)	: ≤ 0.0005%
Residue after ignition	: ≤ 0.005%
Minimum assay	: 99.00 %

Risk And Safety Information

WGK	: --
RTECS	: --
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

cdhfinechemical.com

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.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performs parameters.

Replace date 24-Feb-2024