

Technical Information

Potassium Phosphate Dibasic Anhydrous Plant Culture Tested

Product Code: PCT1018

Product Information

Product Code	: PCT1018
Product Name	: Potassium Phosphate Dibasic Anhydrous, Plant Culture Tested
Molecular Formula	: K_2HPO_4
Molecular Weight	: 174.18
CAS No.	: 7758-11-4

Technical Specification

Appearance	: Colourless or white to off-white hygroscopic crystals or powder or solid.
Solubility	: Soluble in water.
pH (5% in water at 25°C)	: 8.50 - 9.60
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
Loss on drying (at 105°C, 2 hr)	: ≤ 1.0%
Minimum Assay (NaOH/HCl Titration, on dry basis)	: 99.00%

Risk And Safety Information

WGK	: 1
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

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.