

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 | : A white hygroscopic crystals / crystalline powder. |
| Solubility | : 10% solution in water is clear and colourless. |
| pH value (5% solution) | : 8.5 - 9.6 |
| 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 (Acidimetric) | : 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.
- 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 performance parameters.

Replace Date 12-Jan-2026