

Technical Information

Potassium Dihydrogen Phosphate, Plant Culture Tested

Product Code: PCT1009

Product Information

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| Product Code | : PCT1009 |
| Product Name | : Potassium dihydrogen phosphate, Plant Culture Tested |
| Synonym | : Potassium phosphate monobasic |
| Molecular Formula | : KH_2PO_4 |
| Molecular Weight | : 136.09 |
| CAS No. | : 7778-77-0 |

Technical Specification

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|--------------------------------|---|
| Appearance | : Colourless to white crystals or crystalline powder. |
| Solubility | : Soluble of water. |
| pH (5% in water at 25°C) | : 4.10 - 4.70 |
| 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) | : ≤ 0.001% |
| Heavy metals (as Pb) | : ≤ 0.001% |
| Iron (Fe) | : ≤ 0.002% |
| Insoluble matter | : ≤ 0.01% |
| Nitrogen compounds (as N) | : ≤ 0.001% |
| Sulphate (SO_4) | : ≤ 0.003% |
| Sodium (Na) | : ≤ 0.005% |
| Minimum assay (NaOH Titration) | : 99.00 % |

Risk And Safety Information

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|-------------------------|--------------------|
| WGK | : 2 |
| RTECS | : TC6615500 |
| Storage Temperature(°C) | : Store below 30°C |

Transport Information

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|------------------|-----------------------|
| Marine Pollutant | : No |
| ADR/RID | : 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.
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