

Technical Information

Sodium Dihydrogen Phosphate Monohydrate Plant Culture Tested

Product Code: PCT1013

Product Information

Product Code	: PCT1013
Product Name	: Sodium dihydrogen phosphate monohydrate, Plant Culture Tested
Molecular Formula	: $\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$
Molecular Weight	: 137.99
CAS No.	: 10049-21-5

Technical Specification

Appearance	: White granular powder
Solubility	: Soluble in water
Reaction	: Reaction of 5% w/v aqueous solution at 25°C.
pH	: 4.10 - 4.50
Identification (A and B)	: Passes test
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%
Calcium (Ca)	: ≤ 0.005%
Heavy metals (as Pb)	: ≤ 0.001%
Iron (Fe)	: ≤ 0.001%
Sulphate (SO ₄)	: ≤ 0.003%
Potassium (K)	: ≤ 0.01%
Insoluble matter	: ≤ 0.01%
Minimum Assay	: 98.00 %

Risk And Safety Information

RTECS	: 1
WGK	: --
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

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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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