

Technical Information

Potassium Sulphate, Plant Culture Tested

Product Code: PCT1011

Product Information

Product Code	: PCT1011
Product Name	: Potassium sulphate, Plant Culture Tested
Molecular Formula	: K ₂ SO ₄
Molecular Weight	: 174.26
CAS No.	: 7778-80-5

Technical Specification

Appearance	: Colourless crystals or white crystalline powder.
Solubility	: 10% Solution in hot water is clear and colourless.
pH (5% in water at 25°C)	: 5.5 – 8.5
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%
Magnesium (Mg)	: <= 0.005%
Calcium (Ca)	: <= 0.01%
Heavy metals (as Pb)	: <= 0.0005%
Iron (Fe)	: <= 0.0005%
Sodium (Na)	: <= 0.02%
Nitrogen compounds (as N)	: <= 0.0005%
Insoluble matter	: <= 0.01%
Minimum assay (alkalimetric)	: 99.00 %

Risk And Safety Information

WGK	: 1
RTECS	: TT5900000
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

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.

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