

Technical Information

Sodium Sulphate Anhydrous Plant Culture Tested

Product Code: PCT1015

Product Information

Product Code	: PCT1015
Product Name	: Sodium Sulphate Anhydrous, Plant Culture Tested
Molecular Formula	: Na_2SO_4
Molecular Weight	: 142.04
CAS No.	: 7757-82-6

Technical Specification

Appearance	: White hygroscopic crystals or crystalline powder.
Solubility	: 10% solution in water is clear and colourless.
Reaction	: Reaction of 5% w/v aqueous solution at 25°C.
pH	: 5.2-9.2
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)	: ≤ 0.001%
Potassium (K)	: ≤ 0.01%
Loss on Ignition	: ≤ 0.5%
Nitrogen compounds (as N)	: ≤ 0.0005%
Insoluble matter	: ≤ 0.01%
Phosphate (PO_4)	: ≤ 0.001%
Minimum Assay (Acidimetric after drying)	: 99.00 %

Risk And Safety Information

Phrase(s)	: 1
RTECS	: WE1650000
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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