

## Technical Information

### Ferrous Sulphate Heptahydrate Plant Culture Tested

**Product Code: PCT1111**

#### Product Information

Product Code	: PCT1111
Product Name	: Ferrous Sulphate Heptahydrate, Plant Culture Tested
Molecular Formula	: $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$
Molecular Weight	: 278.01
CAS No.	: 7782-63-0

#### Technical Specification

Appearance	: Bluish-green crystalline powder or crystals.
Solubility	: Soluble in water.
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%
Phosphate (PO <sub>4</sub> )	: ≤ 0.001%
Manganese (Mn)	: ≤ 0.05%
Copper (Cu)	: ≤ 0.005%
Ferric Iron (Fe <sup>+3</sup> )	: ≤ 0.1%
Zinc (Zn)	: ≤ 0.005%
Insoluble matter	: ≤ 0.01%
Substances not pptd by NH <sub>4</sub> OH	: ≤ 0.05% (as sulphate)
Minimum assay	: 99.00 %

#### GHS Safety Information

Hazard Statement(s)	: H302-H315-H319
Precautionary Statement(s)	: P305+P351+P338
Signal Word	: Warning
Hazard Pictogram(s)	



GHS07

#### Risk And Safety Information

R-Phrase(s)	: 22
S-Phrase(s)	: 36/37/39
WGK	: 1
RTECS	: NO8510000
Storage Temperature(°C)	: Store below 30°C

Plant Culture  
Tested



## Product Specification

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### 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.
- 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 14-Feb-2024