

Technical Information

Fe-EDDHA Plant Culture Tested

Product Code: PCT1121

Product Information

Product Code	: PCT1121
Product Name	: Fe-EDDHA, Plant Culture Tested
Synonym	: Ethylenediamine-N,N'-bis (2hydroxyphenylaceticacid) ferric-sodium complex
Molecular Formula	: $C_{18}H_{16}O_6N_2NaFe$
Molecular Weight	: 435.17
CAS No.	: 16455-61-1

Technical Specification

Appearance	: Dark red-brown to brown to black powder or microgranules
Solubility	: Soluble in water.
pH (1% in water at 25°C)	: 4.00 - 9.00
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
Iron (Fe by Iodometry)	: 5.00 - 7.00%

Risk and Safety Information

WGK	: --
RTECS	: --
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.