

### Technical Information

#### EDTA Disodium Salt Dehydrate Plant Culture Tested

**Product Code: PCT1105**

#### Product Information

Product Code	: PCT1105
Product Name	: EDTA disodium salt dehydrate, Plant Culture Tested
Molecular Formula	: $C_{10}H_{14}N_2Na_2O_8 \cdot 2 H_2O$
Molecular Weight	: 372.24
CAS No.	: 6381-92-6

#### Technical Specification

Appearance	: White crystals or crystalline powder.
Solubility	: Soluble in water.
pH (c = 5% in water at 25°C)	: 4.30 - 4.70
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)	: ≤ 0.004%
Lead (Pb)	: ≤ 0.0005%
Iron (Fe)	: ≤ 0.001%
Insoluble matter	: ≤ 0.003%
Sulphate (SO <sub>4</sub> )	: ≤ 0.02%
Copper (Cu)	: ≤ 0.0001%
Nitrilotriacetate	: ≤ 0.025%
Minimum assay (Complexometric Titration)	: 99.50 %

#### Risk And Safety Information

WGK	: 2
RTECS	: AH4410000
Flash Point(°F)	: >212 °F
Flash Point(°C)	: >100 °C
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.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.