

Technical Information

Cobalt Chloride Hexahydrate, Plant Culture Tested

Product Code: PCT1103

Product Information

Product Code	: PCT1103
Product Name	: Cobalt chloride hexahydrate, Plant Culture Tested
Synonym	: Cobalt (II) chloride hexahydrate
Molecular Formula	: $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$
Molecular Weight	: 237.93
CAS No.	: 7791-13-1

Technical Specification

Appearance	: Red to dark purple crystals or crystalline powder
Solubility	: Soluble in water
pH (5% in water at 25°C)	: ≥ 3.00
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
Magnesium (Mg)	: $\leq 0.002\%$
Calcium (Ca)	: $\leq 0.005\%$
Lead (Pb)	: $\leq 0.002\%$
Iron (Fe)	: $\leq 0.003\%$
Manganese (Mn)	: $\leq 0.003\%$
Potassium (K)	: $\leq 0.005\%$
Water insoluble matter	: $\leq 0.003\%$
Nitrogen compounds (as N)	: $\leq 0.003\%$
Copper (Cu)	: $\leq 0.001\%$
Sodium (Na)	: $\leq 0.01\%$
Nickel (Ni)	: $\leq 0.01\%$
Zinc (Zn)	: $\leq 0.002\%$
Sulphate (SO_4)	: $\leq 0.005\%$
Minimum assay (EDTA Titration)	: 99.00 %

GHS Safety Information

Hazard Statement(s)	: H302-H317-H334-H341-H350i-H360F-H410
Precautionary Statement(s)	: P201-P261-P273-P280-P308+P313-P501
Signal Word	: Danger
Hazard Pictogram(s)	  



Risk And Safety Information

R-Phrase(s)	: 49-60-22-42/43-50/53-68
S-Phrase(s)	: 53-45-60-61
WGK	: 3
RTECS	: GG0200000
Storage Temperature(°C)	: Store below 30°C



**Plant Culture
Tested**



Product Specification

cdhfinechemical.com

Transport Information

UN No.	: 3260
Class	: 8
Packaging Group	: 2
Marine Pollutant	: Yes
ADR/RID	: 3260 8/PG 2
IMDG	: 3260 8/PG 2
IATA	: 3260 8/PG 2

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.