



Product Specification

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Technical Information

Cobalt Nitrate Hexahydrate Plant Culture Tested

Product Code: PCT1120

Product Information

: PCT1120 **Product Code**

Product Name : Cobalt Nitrate Hexahydrate, Plant Culture Tested

: Co(NO₃)₂.6H₂O Molecular Formula Molecular Weight : 291.03 CAS No. : 10026-22-9

Technical Specification

Appearance : Red to very dark red and red-brown and brown-red crystals or powder.

Solubility : 10% solution in water is bright and clear.

pH (5 % in water at 25°C) : >= 2.50

Cultural response : Cultures conditions - Incubation period (5wks), Relative humidity (60±2%),

Temperature (25±2°C), Photoperiod Day: Night in hours

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:

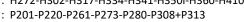
Minimum Assay ((Complexometric) 99.00 %

GHS Safety Information

Hazard Statement(s) : H272-H302-H317-H334-H341-H350i-H360-H410 Precautionary Statement(s)

Signal Word : Danger

Hazard Pictogram(s)











Risk And Safety Information

R-Phrase(s) : 8-22-40-43-50/53 S-Phrase(s) : 17-36/37-60-61

WGK : 3

RTECS : QU7355500 Storage Temperature(°C) Store below 30°C

Transport Information

UN No. : 1477 Class : 5.1 **Packaging Group** Marine Pollutant

ADR/RID : 1477 5.1/PG 2 IMDG : 1477 5.1/PG 2 : 1477 5.1/PG 2 IATA





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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.
- 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.

Replace Date 12-Dec-2025