

Technical Information

Cyanocobalamin (Vitamin B₁₂) Plant Culture Tested

Product Code: PCT1204

Product Information

Product Code	: PCT1204
Product Name	: Cyanocobalamin, Plant Culture Tested
Synonym	: Vitamin B ₁₂
Molecular Formula	: C ₆₃ H ₈₈ CoN ₁₄ O ₁₄ P
Molecular Weight	: 1355.37
CAS No.	: 68-19-9

Technical Specification

Appearance	: Red to brown crystals or powder
Solubility	: 33.3 mg soluble in 1 ml of 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
Loss on drying (at 105°C, 2hr)	: ≤ 12.0%
Minimum Assay (UV, on dry basis)	: 97.00 %

Risk And Safety Information

WGK	: 1
RTECS	: GG3750000
Storage Temperature(°C)	: Store at 2 - 8°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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