

### Technical Information

#### Cyanocobalamin (Vitamin B<sub>12</sub>) Plant Culture Tested

Product Code: PCT1204

#### Product Information

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

#### Technical Specification

Appearance	:	Dark red crystalline powder.
Solubility	:	Soluble in alcohol.
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 (HPLC)	:	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.
- 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.

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