CDH

Product Specification

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Technical Information

Folic Acid Plant Culture Tested

Product Code: PCT1205

Product Information

Product Code	: PCT1205
Product Name	: Folic acid, Plant Culture Tested
Synonym	: Vitamin M; Vitamin B9
Molecular Formula	: $C_{19}H_{19}N_7O_6$
Molecular Weight	: 441.40
CAS No.	: 59-30-3

Technical Specification

Appearance	: Yellow to orange crystals or powder.
Solubility	: 10% solution in 1 N NaOH solution is clear and bright
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2ºC), 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
Water (K.F.)	: <=8.50%
Magnesium (Mg)	: <=0.0005%
Calcium (Ca)	: <=0.001%
Heavy metals (as Pb)	: <=0.0005%
Iron (Fe)	: <=0.0005%
Cadmium (Cd)	: <=0.0005%
Copper (Cu)	: <=0.0005%
Manganese (Mn)	: <=0.0005%
Assay (HPLC; anhydrous basis)	: 95.00 -102.00 %

Risk And Safety Information

WGK	: 1
RTECS	: LP5425000
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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