

Technical Information

Adenine Sulphate Plant Culture Tested

Product Code: PCT1801

Product Information

Product Code	: PCT1801
Product Name	: Adenine sulphate, Plant Culture Tested
Synonym	: 6-Aminopurine hemisulfate salt; Adenine sulfate salt
Molecular Formula	: $C_5H_5N_5 \cdot \frac{1}{2} H_2SO_4$
Molecular Weight	: 184.17
CAS No.	: 321-30-2

Technical Specification

Appearance	: White to slightly yellow powder
Solubility	: 10 mg soluble in 1 mL of 0.5 M hydrochloric acid
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
Assay (NaOH Titration/HPLC)	: 98.00 - 102.00 %

Risk and Safety Information

WGK	: 3
RTECS	: AU7140000
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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