

Technical Information

Glutathione Plant Culture Tested

Product Code: PCT1309

Product Information

Product Code	: PCT1309
Product Name	: Glutathione, Plant Culture Tested
Synonym	: γ -L-Glutamyl-L-cysteinyl-glycine; GSH
Molecular Formula	: $C_{10}H_{17}N_3O_6S$
Molecular Weight	: 307.32
CAS No.	: 70-18-8

Technical Specification

Appearance	: White to nearly white crystalline powder.
Solubility	: 2% solution in water is clear and colourless.
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.
Specific rotation (α) ²⁰ _D (c = 4% in water)	: -15.5° to -17.5°
Loss on drying (at 105°C, 3 hrs)	: <=0.5%
Sulphated ash	: <=0.1%
Minimum assay (Iodometric)	: 98.00 %

Risk And Safety Information

WGK	: 2
RTECS	: MC0556000
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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- Do not use the products if it fails to meet specifications for identity and performance parameters.

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