

Technical Information

Chloramphenicol Plant Culture Tested

Product Code: PCT2117

Product Information

Product Code	: PCT2117
Product Name	: Chloramphenicol, Plant Culture Tested
Molecular Formula	: $C_{11}H_{12}Cl_2N_2O_5$
Molecular Weight	: 323.13
CAS No.	: 56-75-7

Technical Specification

Appearance	: White to grey-white crystals or powder.
Solubility	: Soluble in ethanol
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
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus.
Potency	: ~900 µg/mg
Specific rotation $[\alpha]^{20}_D$ (c = 5% in ethanol)	: +17.0° to +20.0°
Melting range	: 148 - 150°C
Minimum Assay(UV/HPLC)	: 97.00 %

GHS Safety Information

Hazard Statement(s)	: H350
Precautionary Statement (s)	: P201+P308+P313
Signal Word	: Danger
Hazard Pictogram(s)	



GHS08

Risk And Safety Information

R-Phrase(s)	: 45
S-Phrase(s)	: 53-45
WGK	: 3
RTECS	: AB6825000
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



Plant Culture
Tested



Product Specification

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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.
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