

## Technical Information

### Chloramphenicol Cell Culture Tested

Product Code:TC1204

#### Product Information

Product Code	: TC1204
Product Name	: Chloramphenicol, Cell Culture Tested
Synonym	: Chloromycetin™
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.
Minimum assay (UV/HPLC)	: 98.00%
pH (2.5% in water at 25°C)	: 4.50 -7.50
Melting range	: 148 - 150°C
Specific rotation ( $\alpha$ ) <sub>D</sub> <sup>20</sup> (c = 5% in ethanol)	: +17.0° to +20.0°
Loss on drying	: <= 0.50%
Chloride (Cl)	: <= 0.0125%
Residue on ignition	: <= 0.10%
Cell Culture Test	: Passes test

#### Risk And Safety Information

WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store below 30°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.