

Technical Information

Penicillin G Potassium Salt Cell Culture Tested

Product Code:TC1187

Product Information

Product Code	: TC1187
Product Name	: Penicillin G Potassium Salt, Cell Culture Tested
Synonym	: Benzyl penicillin potassium salt
Molecular Formula	: $C_{16}H_{17}KN_2O_4S$
Molecular Weight	: 372.48
CAS No.	: 113-98-4

Technical Specification

Appearance	: White to off white crystalline powder
Solubility	: Clear colourless to slight yellow solution at 10g in 100ml of water.
pH of 10% solution in water	: 5.50 - 7.50
Loss on drying (105°C; 1 h)	: <= 1 %
Minimum assay	: 95.00%
Specific optical rotation $[\alpha]_D^{20}$: 270 ⁰ - 300 ⁰
Potency (μ /mg)	: 1440.00 -1680.00
Antibiotic sensitivity test	: Complies
Cell Culture Test	: Passes test

Risk And Safety Information

WGK	: --
RTECS	: --
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.