

Technical Information

Tetracycline Hydrochloride Cell Culture Tested

Product Code:TC1036

Product Information

Product Code	: TC1036
Product Name	: Tetracycline Hydrochloride, Cell Culture Tested
Molecular Formula	: $C_{22}H_{24}N_2O_8 \cdot HCl$
Molecular Weight	: 480.90
CAS No.	: 64-75-5

Technical Specification

Appearance	: Yellow crystalline powder.
Solubility	: Soluble in water.
Assay (NaOH titration /HPLC)	: 98.0-102.0%
Specific rotation($c = 0.5\%$ in 0.1 N HCl on dry basis, at 20°C)	: -255.0° to -240.0°
Loss on drying (at 105°C, 2 hr)	: $\leq 2.00\%$
Minimum Potency	: 720 IU/mg
Antibiotic sensitivity	: Complies
Cell Culture Test	: Passes test

GHS Safety Information

Hazard Statement(s)	: H315-H319-H335
Precautionary Statement(s)	: P261-P305+P351+P338
Signal Word	: Warning
Hazard Pictogram(s)	



GHS07

Risk And Safety Information

R-Phrase(s)	: 36/37/38
S-Phrase(s)	: 26-36
WGK	: 2
RTECS	: Q19100000
Storage Temperature(°C)	: Store at 20°C

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

**Animal Cell
Culture Tested**



Product Specification

cdhfinechemical.com

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.

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