

## Product Datasheet

### GP3828 - Tetracycline hydrochloride, USP grade

Precautionary Codes

P280, P261, P302+P352,  
P305+P351+P338

Pictograms

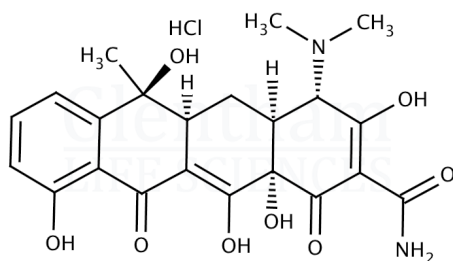


#### Product Details

Product Name	Tetracycline hydrochloride, USP grade
Glentham Code	GP3828
CAS Number	64-75-5
EINECS	200-593-8
MDL Number	MFCDD00078142
Related Categories	APIs, Antibiotics, Biochemicals, Reagents for Cell Culture, Antimicrobials

#### Structure

Molecular Weight	: 480.91
Molecular Formula	: $C_{22}H_{24}N_2O_8 \cdot HCl$



#### Glentham Product Specification

Physical Description	: Yellow powder
Identification (IR)	: To conform to standard
Identification	: To conform to USP
pH (1% in water)	: 1.8 - 2.8
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	: -240.0 - -255.0 ° (c=0.5, 0.1M HCl)
Loss on Drying	: ≤ 2.0% (60°C, 2h, vac.)
Epitetracycline	: ≤ 3.0%
4-Epianhydrotetracyclin	: ≤ 2.0%
Anhydrotetracycline	: ≤ 0.5%
Crystallinity	: To meet the requirements
Potency (dried basis)	: ≥ 900µg/mg ( $C_{22}H_{24}N_2O_8 \cdot HCl$ )
Pharmacopoeia Specification(s)	: USP
Version	: v1.1

#### About Tetracycline hydrochloride, USP grade

No further details on record.

#### Storage

Recommended storage temperature: -20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A

Signal Word Warning

Hazard Codes H315, H336, H335, H319

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