

## Product Datasheet

### GA3147 - Oxytetracycline hydrochloride

Pictograms

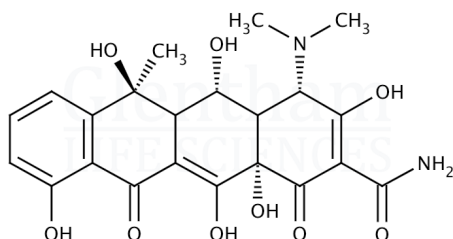


#### Product Details

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Product Name       | Oxytetracycline hydrochloride                   |
| Glentham Code      | GA3147                                          |
| CAS Number         | 2058-46-0                                       |
| EINECS             | 218-161-2                                       |
| Numéro MDL         | MFCD00135815                                    |
| Related Categories | APIs, Antibiotics, Biochemicals, Antimicrobials |

#### Structure

|                   |                                  |
|-------------------|----------------------------------|
| Molecular Weight  | : 496.90                         |
| Molecular Formula | : $C_{22}H_{24}N_2O_9 \cdot HCl$ |



#### Glentham Product Specification

|                                |                                                          |
|--------------------------------|----------------------------------------------------------|
| Physical Description           | : Yellow crystalline powder                              |
| Identification                 | : According to BP                                        |
| pH (1% in water)               | : 2.3 - 2.9                                              |
| Specific Optical Rotation      | : -188 - -200 °                                          |
| Absorbance                     | : 353nm: 270 - 290<br>: 430nm: ≤ 0.50<br>: 490nm: ≤ 0.20 |
| Related Substances             | : According to BP                                        |
| Heavy Metals                   | : ≤ 50ppm                                                |
| Water                          | : ≤ 2.0%                                                 |
| Sulphated Ash                  | : ≤ 0.5%                                                 |
| Assay                          | : 95.0 - 102.0 % (anhydrous basis)                       |
| Pharmacopoeia Specification(s) | : BP                                                     |
| Version                        | : v1.0                                                   |

#### About Oxytetracycline hydrochloride

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

|                                            |           |
|--------------------------------------------|-----------|
| Not classified as dangerous for transport. |           |
| CLP Classification                         | Repr. 2   |
| Signal Word                                | Attention |
| Hazard Codes                               | H361      |
| Precautionary Codes                        | P281      |

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