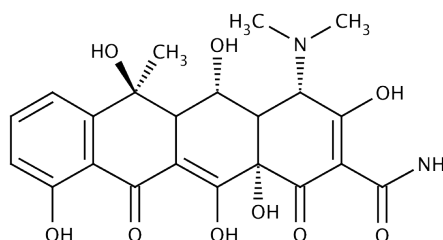


## Product Specification

|                   |   |
|-------------------|---|
| Product Name      | Oxytetracycline hydrochloride                                       |
| Glentham Code     | GA3147  |
| CAS Number        | 2058-46-0   |
| EINECS            | 218-161-2   |
| MDL Number        | MFCD00135815  |
| Molecular Weight  | 496.90  |
| Molecular Formula | C <sub>22</sub> H <sub>24</sub> N <sub>2</sub> O <sub>9</sub> · HCl |
| Storage Temp.     | +20°C   |



| Property                       | 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                 |
|                                | 430nm: ≤ 0.50                    |
|                                | 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                               |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.0       |
| Date Created          | - | 2014-12-04 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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