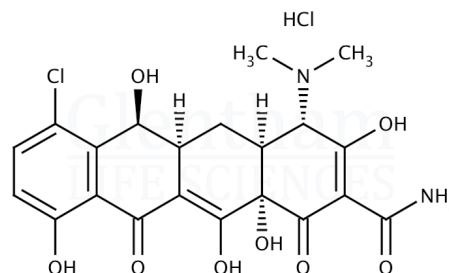


## Product Specification

|                   |                                  |
|-------------------|----------------------------------|
| Product Name      | Demeclocycline hydrochloride     |
| Glentham Code     | GA7186                           |
| CAS Number        | 64-73-3                          |
| EINECS            | 200-592-2                        |
| MDL Number        | MFCD00082371                     |
| Additional CAS    | 127-33-3                         |
| PubChem SID       | 310270962                        |
| Molecular Weight  | 501.32                           |
| Molecular Formula | $C_{21}H_{21}ClN_2O_8 \cdot HCl$ |
| Storage Temp.     | -20°C                            |



| Property                       | Specification                  |
|--------------------------------|--------------------------------|
| Physical Description           | Yellow powder                  |
| Identification                 | A, B, C according to EP        |
| pH                             | 2.0 - 3.0 (0.1g/10ml in water) |
| UV Absorbance                  | 340 - 370 (at 385nm)           |
| Impurities                     | Any Single Impurity: ≤ 5.0%    |
|                                | Any Other Impurity: ≤ 4.0%     |
|                                | Total Impurities: ≤ 10.0%      |
| Heavy Metals                   | ≤ 50ppm                        |
| Sulphated Ash                  | ≤ 0.5%                         |
| Water                          | ≤ 3.0%                         |
| Assay                          | 90.0 - 102.0 % (dried basis)   |
| Pharmacopoeia Specification(s) | EP                             |
| Specification Version          | - v1.0                         |
| Date Created                   | - 2013-11-07                   |

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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