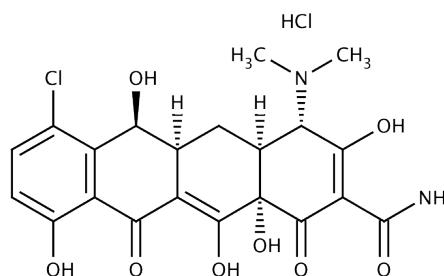


Product Specification

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 : C₂₁H₂₁ClN₂O₈ · 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 or contact us using the details above for the current version of this document.

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