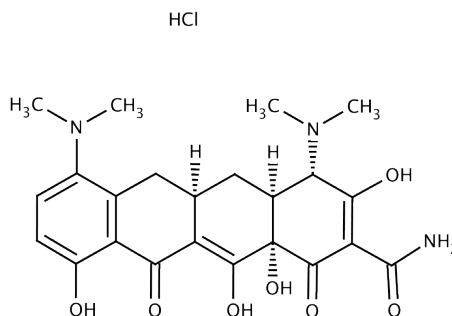


Product Specification

Product Name : Minocycline hydrochloride
Glentham Code : GA7395
CAS Number : 13614-98-7
EINECS : 237-099-7
MDL Number : MFCD00083669
Additional CAS : 10118-90-8 (base)
PubChem SID : 310277252

Molecular Weight : 493.94 (anhydrous)
Molecular Formula : $C_{23}H_{27}N_3O_7 \cdot HCl \cdot xH_2O$
Storage Temp. : +4°C



| Property | Specification |
|-------------------------|---|
| Physical Description | Yellow crystalline powder |
| pH | 3.5 - 4.5 (10mg $C_{23}H_{27}N_3O_7$ / ml) |
| Water | 4.3 - 8.0 % |
| Residue on Ignition | ≤ 0.15% |
| Heavy Metals | ≤ 50ppm |
| Any Individual Impurity | ≤ 1.2% |
| Total Impurities | ≤ 2.0% |
| Potency | 890 - 950 $\mu\text{g}/\text{mg}$ ($C_{23}H_{27}N_3O_7$, anhydrous) |
| Assay | 96.0 - 102.5 % ($C_{23}H_{27}N_3O_7 \cdot HCl$, anhydrous) |

Specification Version : v1.0
Date Created : 2015-12-22

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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