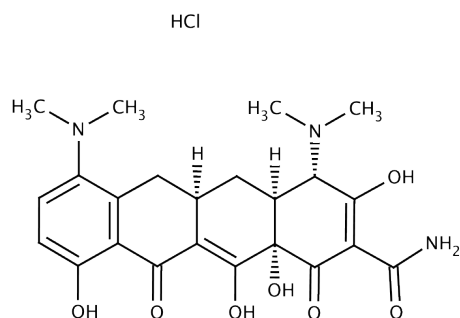


## Product Specification

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 <sub>23</sub> H <sub>27</sub> N <sub>3</sub> O <sub>7</sub> · HCl · xH <sub>2</sub> O
Storage Temp.	+4°C



Property	Specification
Physical Description	Yellow crystalline powder
pH	3.5 - 4.5 (10mg C <sub>23</sub> H <sub>27</sub> N <sub>3</sub> O <sub>7</sub> / 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 µg/mg (C <sub>23</sub> H <sub>27</sub> N <sub>3</sub> O <sub>7</sub> , anhydrous)
Assay	96.0 - 102.5 % (C <sub>23</sub> H <sub>27</sub> N <sub>3</sub> O <sub>7</sub> · 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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