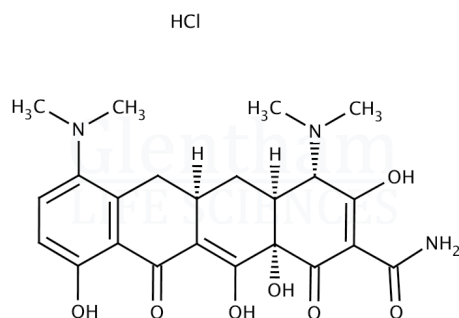


Product Specification

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 ₃ O ₇ · HCl · xH ₂ O
Storage Temp.	+4°C



Property	Specification
Physical Description	Yellow crystalline powder
pH	3.5 - 4.5 (10mg C ₂₃ H ₂₇ N ₃ O 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 µg/mg (C ₂₃ H ₂₇ N ₃ O ₇ , anhydrous)
Assay	96.0 - 102.5 % (C ₂₃ H ₂₇ N ₃ O ₇ · 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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