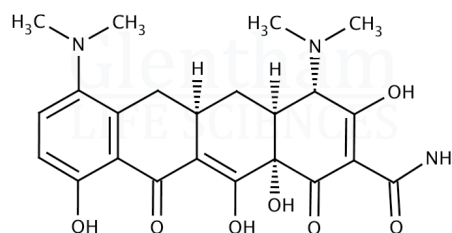


Certificate of Analysis

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
Batch Number 709FMY

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

HCl



Property	Specification	Batch 709FMY
Physical Description	Yellow crystalline powder	Yellow crystalline powder
Identification (IR)	To conform to standard	Conforms
pH	3.5 - 4.5 (10mg C ₂₃ H ₂₇ N ₃ O ₇ / ml)	4.2
Water	4.3 - 8.0 %	7.5%
Residue on Ignition	≤ 0.15%	0.04%
Heavy Metals	≤ 50ppm	15ppm
Any Individual Impurity	≤ 1.2%	0.2%
Total Impurities	≤ 2.0%	1.1%
Potency	890 - 950 µg/mg (C ₂₃ H ₂₇ N ₃ O ₇ , anhydrous)	920µg/mg
Assay	96.0 - 102.5 % (C ₂₃ H ₂₇ N ₃ O ₇ · HCl, anhydrous)	98.4%

Specification Version v1.1
Manufacture Date None
Re-Test Date 2032-08-05

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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