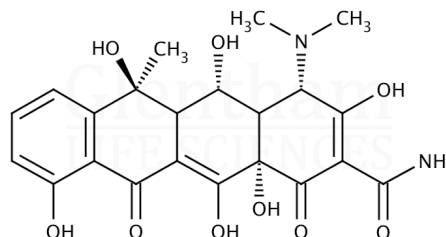


Certificate of Analysis

Product Name Oxytetracycline hydrochloride
Glentham Code GA3147
CAS Number 2058-46-0
EINECS 218-161-2
MDL Number MFCD00135815
Batch Number 050GPE

Molecular Weight 496.90
Molecular Formula $C_{22}H_{24}N_2O_9 \cdot HCl$
Storage Temp. +20°C



Property	Specification	Batch 050GPE
Physical Description	Yellow crystalline powder	Conforms
Identification	According to BP	Conforms
pH (1% in water)	2.3 - 2.9	2.5
Specific Optical Rotation	-188 - -200 °	-188°
Absorbance	353nm: 270 - 290	271
	430nm: ≤ 0.50	0.35
	490nm: ≤ 0.20	0.13
Related Substances	According to BP	Conforms
Heavy Metals	≤ 50ppm	Conforms
Water	≤ 2.0%	0.63%
Sulphated Ash	≤ 0.5%	0.08%
Assay	95.0 - 102.0 % (anhydrous basis)	96.3%
Pharmacopoeia Specification(s)	BP	Conforms to BP2012

Specification Version v1.0
Manufacture Date 2014-10-12
Re-Test Date 2025-02-10

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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