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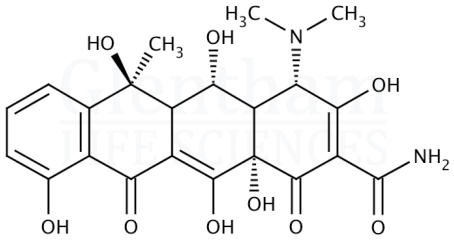
Certificate of Analysis

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	2029-02-10

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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