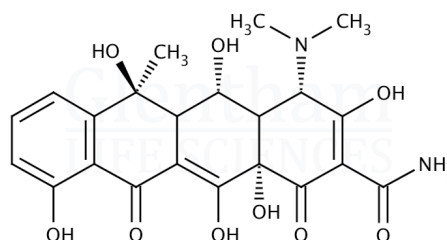


Product Specification

Product Name	Oxytetracycline hydrochloride
Glentham Code	GA3147
CAS Number	2058-46-0
EINECS	218-161-2
MDL Number	MFCD00135815
Molecular Weight	496.90
Molecular Formula	$C_{22}H_{24}N_2O_9 \cdot HCl$
Storage Temp.	+20°C



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

Specification Version	-	v1.0
Date Created	-	2014-12-04

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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