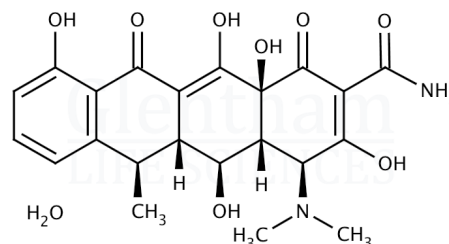


## Product Specification

Product Name	Doxycycline monohydrate, USP grade
Glentham Code	GA4925
CAS Number	17086-28-1
MDL Number	MFCD02682958
Additional CAS	564-25-0 (anhydrous)
Additional CAS	10592-13-9 ( $\cdot$ HCl)
PubChem SID	310272427
Molecular Weight	462.46
Molecular Formula	$C_{22}H_{24}N_2O_8 \cdot H_2O$
Storage Temp.	-20°C



Property	Specification
Physical Description	Yellow crystalline powder
Identification	To pass test
pH (1% solution)	5.0 - 6.5
Water	3.6 - 4.6 %
Organic Impurities	Methacycline: $\leq$ 2.0% 6-Epidoxycycline: $\leq$ 2.0% Any Other Impurity: $\leq$ 0.5%
Potency	880 - 980 $\mu$ g/mg (of $C_{22}H_{24}N_2O_8$ )
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2014-10-24

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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