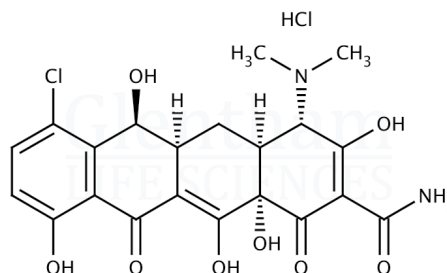


## Certificate of Analysis

Product Name Demeclocycline hydrochloride  
Glentham Code GA7186  
CAS Number 64-73-3  
EINECS 200-592-2  
MDL Number MFCD00082371  
Additional CAS 127-33-3  
PubChem SID 310270962  
Batch Number 992LOL

Molecular Weight 501.32  
Molecular Formula  $C_{21}H_{21}ClN_2O_8 \cdot HCl$   
Storage Temp. -20°C



Property	Specification	Batch 992LOL
Physical Description	Yellow powder	Conforms
Identification	A, B, C according to EP	Conforms
pH	2.0 - 3.0 (0.1g/10ml in water)	2.4
UV Absorbance	340 - 370 (at 385nm)	348
Impurities	Any Single Impurity: ≤ 5.0%	3.0% (max.)
	Any Other Impurity: ≤ 4.0%	2.5% (max.)
	Total Impurities: ≤ 10.0%	5.5%
Heavy Metals	≤ 50ppm	Conforms
Sulphated Ash	≤ 0.5%	Conforms
Water	≤ 3.0%	2.3%
Assay	90.0 - 102.0 % (dried basis)	96.6%
Pharmacopoeia Specification(s)	EP	Conforms to EP8

Specification Version v1.0  
Manufacture Date 2016-02-05  
Re-Test Date 2028-07-18

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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