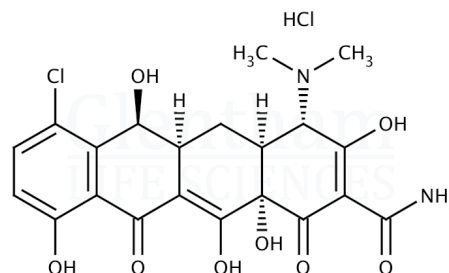


Certificate of Analysis

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 or contact us using the details above for the current version of this document.

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