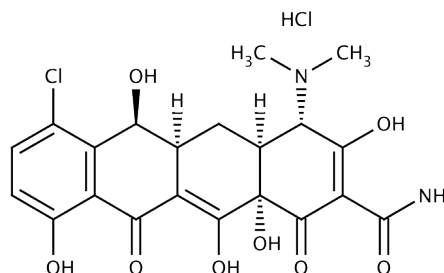


## Product Specification

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
Molecular Weight	501.32
Molecular Formula	C <sub>21</sub> H <sub>21</sub> ClN <sub>2</sub> O <sub>8</sub> · HCl
Storage Temp.	-20°C



Property	Specification
Physical Description	Yellow powder
Identification	A, B, C according to EP
pH	2.0 - 3.0 (0.1g/10ml in water)
UV Absorbance	340 - 370 (at 385nm)
Impurities	Any Single Impurity: ≤ 5.0%
	Any Other Impurity: ≤ 4.0%
	Total Impurities: ≤ 10.0%
Heavy Metals	≤ 50ppm
Sulphated Ash	≤ 0.5%
Water	≤ 3.0%
Assay	90.0 - 102.0 % (dried basis)
Pharmacopoeia Specification(s)	EP
Specification Version	- v1.0
Date Created	- 2013-11-07

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2021