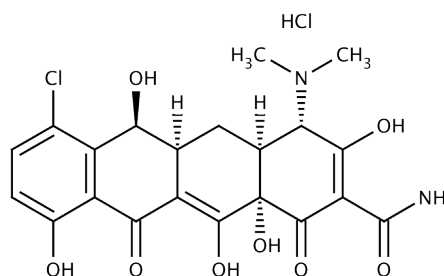


Product Specification

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 : $C_{21}H_{21}ClN_2O_8 \cdot HCl$
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: $\leq 5.0\%$ Any Other Impurity: $\leq 4.0\%$ Total Impurities: $\leq 10.0\%$
Heavy Metals	$\leq 50\text{ppm}$
Sulphated Ash	$\leq 0.5\%$
Water	$\leq 3.0\%$
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 or contact us using the details above for the current version of this document.

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