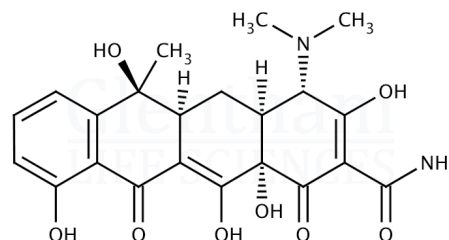


Certificate of Analysis

Product Name Tetracycline, EP grade
Glentham Code GA0548
CAS Number 60-54-8
EINECS 200-481-9
Numéro MDL MFCD00151232
CAS supplémentaire 6416-04-2 (3H₂O)
PubChem SID 310280700
Batch Number 079NBM

Molecular Weight 444.43
Molecular Formula C₂₂H₂₄N₂O₈
Storage Temp. +4°C



Property	Specification	Batch 079NBM
Physical Description	Yellow crystalline powder	Yellow crystalline powder
Identification	According to EP	Conforms
Assay	88.0 - 102.0 % (dried basis)	96.3%
pH	3.5 - 6.0 (0.1g/10ml in water)	5.4
Related Substances	4-Epitetracycline: ≤ 5.0%	1.91%
	2-Acetyl-2-decarbamoyletetracycline: ≤ 2.0%	0.86%
	Anhydrotetracycline: ≤ 1.0%	0.33%
	4-Epianhydrotetracycline: ≤ 0.5%	0.15%
Specific Optical Rotation	-260 - -280 °	-271°
Heavy Metals	≤ 50ppm	Conforms
Loss on Drying	≤ 13.0%	4.9%
Sulphated Ash	≤ 0.5%	0.18%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version v1.0
Manufacture Date 2019-12-29
Re-Test Date 2027-04-08

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025