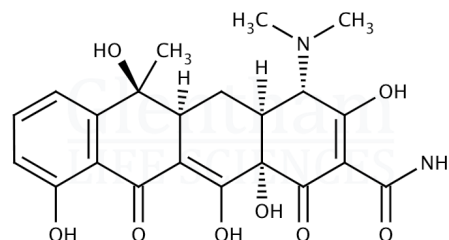


Certificate of Analysis

Product Name Tetracycline base
 Glentham Code GA9779
 CAS Number 60-54-8
 EINECS 200-481-9
 MDL Number MFCD00151232
 Additional CAS 6416-04-2 (3H₂O)
 PubChem SID 310280699
 Batch Number 908OLK

Molecular Weight 444.43 (anhydrous)
 Molecular Formula C₂₂H₂₄N₂O₈ · xH₂O
 Storage Temp. +4°C



Property	Specification	Batch 908OLK
Physical Description	Light-yellow to dark yellow powder	Dark yellow powder
Identification (IR)	To conform to standard	Conforms
pH (1% in water)	3.0 - 7.0	5.4
Melting Point	172 - 174 °C (dec.)	174°C
Loss on Drying	≤ 10.0%	2.6%
Assay	≥ 91.0%	96.3%

Specification Version v1.1
 Manufacture Date 2019-12-29
 Re-Test Date 2029-03-08

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, 2024