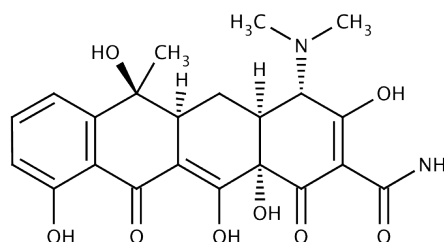


Product Specification

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



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

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

Specification Version : v1.0
Date Created : 2013-11-22

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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