

## Product Datasheet

### GA0548 - Tetracycline, EP grade

Pictograms

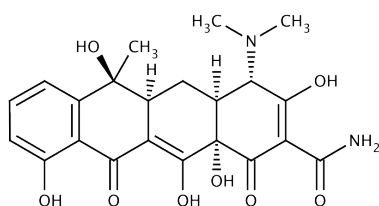


#### Product Details

Product Name	Tetracycline, EP grade
Glentham Code	GA0548
CAS Number	60-54-8
EINECS	200-481-9
MDL Number	MFC00151232
Additional CAS	6416-04-2 (3H <sub>2</sub> O)
PubChem SID	310280700
Related Categories	APIs, Antibiotics, Biochemicals, Antimicrobials

#### Structure

Molecular Weight	: 444.43
Molecular Formula	: C <sub>22</sub> H <sub>24</sub> N <sub>2</sub> O <sub>8</sub>



#### Glentham Product 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-decarbonyltetracycline: ≤ 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
Version	: v1.0

#### About Tetracycline, EP grade

No further details on record.

#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Acute Oral Tox. 4
Signal Word	Warning
Hazard Codes	H302
Precautionary Codes	P261, P280, P301+P312

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