

Certificate of Analysis

Reference Material & Standard

Product Name:	Tetracycline Drug Mix 10	Catalogue Number:	MCAD302602
Appearance:	White Solid	Lot Number:	0321-RG-0097
Solvent:	N/A	Storage:	-20°C±5°C Protected from light and Sealed
Expiry Date:	Nov 14, 2027		

Chemical Structure:

N/A

Warning:



NO.	Component	CAS No.	Purity (%)	Uncertainty (%)
1	Chlorotetracycline Hydrochloride	64-72-2	80.4	10
2	Oxytetracycline	79-57-2	88.7	10
3	Doxycycline Hyclate	24390-14-5	92.8	10
4	Demeclocycline Hydrochloride	64-73-3	92.7	10
5	Tetracycline Hydrochloride	64-75-5	95.7	10
6	Metacycline Hydrochloride	3963-95-9	98.6	10
7	Minocycline Hydrochloride	13614-98-7	99.6	10
8	4-Epi-Oxytetracycline	14206-58-7	98.0	10
9	4-Epi-Chlortetracycline Hydrochloride	101342-45-4	77.4	10
10	4-epi-Tetracycline Hydrochloride	23313-80-6	98.2	10

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Mar 24, 2025

Date: Mar 24, 2025

Date: Mar 24, 2025

