

Certificate of Analysis

Reference Material & Standard

Product Name:	Quinolones Mix 13	Catalogue Number:	MCAD303509-ME
Appearance:	Colourless Liquid	Lot Number:	0321-RG-0064
Solvent:	Methanol	Storage:	-20°C±5°C Protected from light and Sealed
Expiry Date:	Mar 11, 2028		

Chemical Structure:

Warning:



N/A

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (µg/mL)
1	Norfloxacin	70458-96-7	100.1	3.1
2	Lomefloxacin	98079-51-7	100.0	3.1
3	Enoxacin	74011-58-8	100.0	3.1
4	Enrofloxacin	93106-60-6	100.1	3.1
5	Marbofloxacin	115550-35-1	100.1	3.1
6	Pefloxacinium	70458-92-3	100.0	3.1
7	Flumequine	42835-25-6	100.1	3.1
8	Difloxacin	98106-17-3	100.1	3.1
9	Danofloxacin	112398-08-0	100.0	3.1
10	Ofloxacin	82419-36-1	100.0	3.1
11	Ciprofloxacin	85721-33-1	100.0	3.1
12	Oxolinic Acid	14698-29-4	100.0	3.1
13	Sarafloxacin	98105-99-8	100.0	3.1

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:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Mar 24, 2025

Date: Mar 24, 2025

Date: Mar 24, 2025

