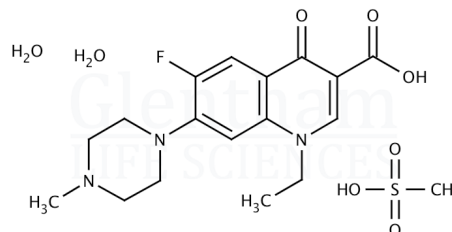


## Certificate of Analysis

Product Name	Pefloxacin mesylate dihydrate
Glentham Code	GA7231
CAS Number	149676-40-4
EINECS	274-613-9
MDL Number	MFCD01685696
PubChem SID	310278550
Additional CAS	70458-95-6 (anhydr.)
Additional CAS	70458-92-3 (acid)
Batch Number	130TGP



Molecular Weight	465.50
Molecular Formula	$C_{17}H_{20}FN_3O_3 \cdot CH_4O_3S \cdot 2H_2O$
Storage Temp.	+4°C

Property	Specification	Batch 130TGP
Physical Description	White or almost white powder	White powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in water)	Clear, colourless to faint yellow solution	Clear, colourless solution
pH (1% in water)	3.0 - 5.0	3.8
Sulphated Ash	≤ 0.1%	0.05%
Water (KF)	6.5 - 9.0 %	8.1%
Assay	≥ 98.0% (anhydrous)	98.6%

Specification Version	v1.0
Manufacture Date	2022-05-12
Re-Test Date	2031-04-04

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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