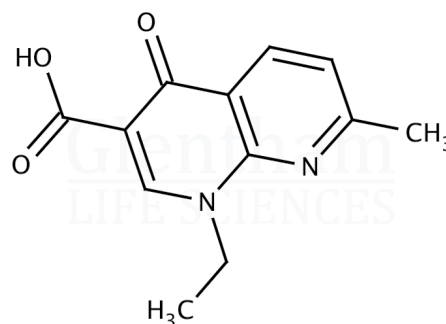


Certificate of Analysis

Product Name	Nalidixic acid
Glentham Code	GA8450
CAS Number	389-08-2
EINECS	206-864-7
MDL Number	MFCD00006884
PubChem SID	310277428
Batch Number	137WGX
Molecular Weight	232.24
Molecular Formula	C ₁₂ H ₁₂ N ₂ O ₃
Storage Temp.	+20°C



Property	Specification	Batch 137WGX
Physical Description	Almost white or pale yellow crystalline powder	Almost white crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility	Soluble in dichloromethane, slightly soluble in acetone and in ethanol	Conforms
Melting Point	225 - 231 °C	228°C
Absorbance	≤ 0.10 (1.5g in 50ml DCM, at 420nm)	0.04
Related Substances (TLC)	≤ 0.1% (any single impurity)	0.03%
Heavy Metals	≤ 20ppm	Conforms
Sulphated Ash	≤ 0.1%	0.02%
Loss on Drying	≤ 0.5% (105°C)	0.3%
Assay (Titration)	99.0 - 101.0 % (dried basis)	99.7%
Pharmacopoeia Specification(s)	BP, EP	Conforms

Specification Version	v1.2
Manufacture Date	2023-04-01
Re-Test Date	2032-04-17

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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