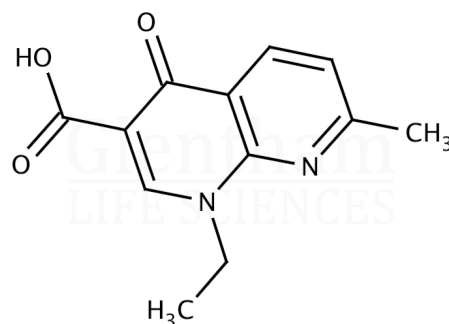


Certificate of Analysis

Product Name Nalidixic acid
Glentham Code GA8450
CAS Number 389-08-2
EINECS 206-864-7
MDL Number MFCD00006884
PubChem SID 310277428
Batch Number 839WTR

Molecular Weight 232.24
Molecular Formula $C_{12}H_{12}N_2O_3$
Storage Temp. +20°C



Property	Specification	Batch 839WTR
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	229.3°C
Absorbance	≤ 0.10 (1.5g in 50ml DCM, at 420nm)	0.03
Related Substances (TLC)	≤ 0.1% (any single impurity)	< 0.1%
Heavy Metals	≤ 20ppm	Conforms
Sulphated Ash	≤ 0.1%	< 0.1%
Loss on Drying	≤ 0.5% (105°C)	0.1%
Assay (Titration)	99.0 - 101.0 % (dried basis)	99.7%
Pharmacopoeia Specification(s)	BP, EP	Conforms

Specification Version v1.2
Manufacture Date 2025-03-01
Re-Test Date 2034-03-04

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 or contact us using the details above for the current version of this document.

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