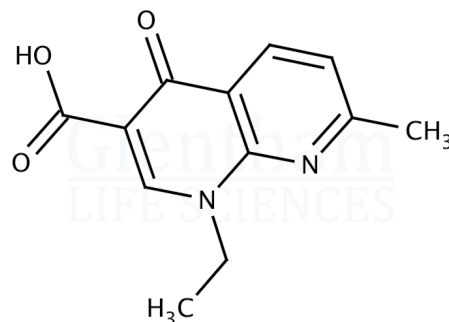


Certificate of Analysis

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 $C_{12}H_{12}N_2O_3$
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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