

Certificate of Analysis

Nalidixic acid

Catalog No.: i88011

Lot No.: -

CAS No.: 389-08-2

EC No.: 206-864-7

Formula: $C_{12}H_{12}N_2O_3$

Molecular Weight: 232.24 g/mol

Shelf life: -

Expiration Date*: 1 Year

Test	Specification	Result
<i>Appearance</i>	White to yellow powder	Conforms
<i>Solubility in water</i>	100 mg/L	Conforms
<i>Assay</i>	Min. 98.0%	Conforms
<i>Loss on Drying (105 °C, 3 hours, vacuum)</i>	Max. 0.5 %	Conforms
<i>Quantitative 1H-NMR (calculated on dry matter)</i>	Min. 99.0 %	Conforms
<i>1H-NMR Spectrum</i>	Conforms to Standards	Conforms
<i>13C-NMR Spectrum</i>	Conforms to Standards	Conforms
<i>FT-IR Spectrum</i>	Conforms to Standards	Conforms

Storage: Keep container tightly closed in a dry, cool and well-ventilated place. Protected from light.

QC Department

*The expiration date of a standard is defined as the amount of time that it should remain in use after opening depending on the standard condition