

Nalidixic Acid (i88011)

Antibiotic inhibitor of gram-positive bacteria.

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|-------------------------|---|-------------------------|--------------|
| CAS Number | 389-08-2 | EC Number | 206-864-7 |
| Formula | C ₁₂ H ₁₂ N ₂ O ₃ | Molecular Weight | 232.24 g/mol |
| Expiration Date* | 1 Year | | |

*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

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

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