

Certificate of Quality

Product Name: Nalidixic Acid

Nalidixic acid is a bactericidal agent that inhibits DNA synthesis by blocking the activity of DNA gyrase in both gram+ and gram- bacteria. Recommended working concentration: 15 µg/ml.

Product Code: A3404 CAS #: 0389-08-02
Grade: High Purity Formula: C₁₂H₁₂N₂O₃
Appearance: White to off-white crystalline powder MW: 232.24
Reassay Date: 3 years after shipping date Lot#: See product label
Storage: Store at room temperature. Protect from moisture.

TEST	SPECIFICATION	RESULT
Purity	≥ 98%	Passes
Melting Point	225°C-231°C	Passes
Moisture (LOD)	≤ 0.5%	Passes
Heavy Metals (as Pb)	≤ 0.002%	Passes
Residue on Ignition	≤ 0.2%	Passes

Data Verified by M. He.

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