

## Certificate of Analysis

**Product Name:** Nalidixic acid  
**Cat #:** N-015  
**CAS #:** 389-08-2  
**Lot #:** Lot Specific  
**Retest Date:** Lot Specific  
**Storage:** Store at Room Temperature

Test	Specs	Results
Color	white to slightly yellow	slightly off-white
Form	powder	powder
Color of Solution (2% in chloroform)	colorless to slightly yellow	slightly yellow
Turbidity (2% in chloroform)	max. 7.5 NTU	0.9 NTU
Loss on Drying (105°C, 3 hours, vacuum)	max. 0.5%	0.03%
Melting Point	225 to 231°C	229°C
TBAOH-Titration	99.0 to 101.0 %	100.2%
Purity (TLC) (20 mg/mL in chloroform; ethanol/chloroform/ammonium hydroxid (5 mol/L) 70:20:10; UV 254 nm, 366 nm)	min. 99 area-%	>99 area-%
TLC (20 mg/mL in chloroform; ethanol/chloroform/ammonium hydroxid (5 mol/L) 70:20:10; UV 254 nm, 366 nm)	corresponds to reference material	corresponds
FT-IR Spectrum	corresponds to reference material	corresponds

\* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

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