

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-09 13:11:04  
Date of Next Testing: 2028-12-08 13:11:04  
Product Name: **Nalidixic acid**  
CAS Number: 389-08-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: C2115043  
SKU #: **N104920**  
Version: **1**  
Analysis #: **445330**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	227-231 (°C)	230.90000 °C
Purity(HPLC)	98-100 (%)	98.01000 %
Purity(Neutralization titration)	97.5-102.5 (%)	97.60 %
Appearance (N104920)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL <sub>3</sub> , Yellow to Yellow-Green, Clear, 30 mg/mL pass	Pass	Pass



John Su  
QA & QC Manager