

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-22 18:32:35  
Date of Next Testing: 2028-01-22 18:32:35  
Product Name: **nalidixic acid sodium salt**  
CAS Number: 3374-05-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: A2620136  
SKU #: **N136559**  
Version: **0**  
Analysis #: **648056**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(Titration by $\text{HClO}_4$ )	97.5-102.5 (%)	98.21%
Sodium(Na)	8.7-9.3 (%)	8.71%
Water by Karl Fischer(1M/M)	0-7 (%)	6.33%
Appearance (N136559)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in $\text{H}_2\text{O}$ , Clear,Very Faint Yellow to Yellow,Clear,100 mg/mL	pass	Pass



John Su  
QA & QC Manager