

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-13 11:51:54

Date of Next Testing: 2026-08-13 11:51:54

Product Name: **Enoxacin Sesquihydrate**

CAS Number: 84294-96-2

Specifications & Purity: $\geq 98\%$

Lot #: J2227396

SKU #: **E129647**

Version: **1**

Analysis #: **398446**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	7-9 (%)	8.90000 %
Purity(Nonaqueous Titration) (calcd.onanh.substance)	98-100 (%)	98.80000 %
Purity(HPLC)	98-100 (%)	98.07000 %
Nitrogen by Elemental Analysis (anhydrous)	16.6-18 (%)	17.30000 %
Melting point	225-229 (°C)	225.60000 °C
Carbon by Elemental Analysis(anhydrous)	54.6-56.7 (%)	56.20000 %
Appearance (E129647)	White to Yellow or Light Brown Crystals or Powder	White to Yellow or Light Brown Crystals or Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in NaOH	Colorless to Faint Yellow,Clear to Hazy,50mg/ml	Colorless to Faint Yellow,Clear to Hazy,50mg/ml



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager