

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-03 11:52:45
 Date of Next Testing: 2026-03-02 11:52:45
 Product Name: **Ciprofloxacin Hydrochloride Monohydrate**
 CAS Number: 86393-32-0
 Specifications & Purity: $\geq 98\%$
 Lot #: C2201507
 SKU #: **C119326**
 Version: **0**
 Analysis #: **068565**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	4.7-6.7 (%)	4.96000 %
Purity(HPLC)	98-100 (%)	98.21000 %
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	98.55200 %
Appearance (C119326)	White or light yellow crystalline powder	White or light yellow crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager