

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-06 13:17:37  
Date of Next Testing: 2025-06-05 13:17:37  
Product Name: **Levofloxacin hydrochloride**  
CAS Number: 177325-13-2  
Specifications & Purity: 98%  
Lot #: F2204894  
SKU #: **L305201**  
**Analysis: 083558**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Loss on drying	3.5-5.5 (%)	3.52 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)	-52--47(°)	-47.83 °
PH(1% in Water)	3.5-5	3.79
Purity(HPLC)	98-100%	99.64000 %
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5%	98.21 %
Appearance (L305201Color)	White to off-white	White to off-white
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager