

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-13 14:24:42

Date of Next Testing: 2028-08-12 14:24:42

Product Name: **Levofloxacin hydrochloride**

CAS Number: 177325-13-2

Specifications & Purity: $\geq 98\%$

Lot #: H2507597

SKU #: **L305201**

Version: **3**

Analysis #: **542500**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	-52--47(°)	-47.92900 °
PH(1% in Water)	3.5-5	3.91000
Purity(HPLC)	98-100 (%)	99.07000 %
Loss on drying	3.5-5.5 (%)	3.51000 %
Purity(Titration by AgNO ₃)(anhydrous basis)	97.5-102.5 (%)	97.52000 %
Appearance (L305201Color)	White to off-white	White to off-white
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager