

Certificate of Analysis

Date of Testing: 2024-08-30 15:11:16
Date of Next Testing: 2027-08-30 15:11:16
Product Name: **Levofloxacin hydrochloride**
CAS Number: 177325-13-2
Specifications & Purity: $\geq 98\%$
Lot #: H2409552
SKU #: **L305201**
Version: **3**
Analysis #: **405437**
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Loss on drying	3.5-5.5 (%)	4.52 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	-52--47(°)	-47.09 °
PH(1% in Water)	3.5-5	3.86
Purity(HPLC)	98-100 (%)	99.51700 %
Purity(Titration by AgNO ₃)(anhydrous basis)	97.5-102.5 (%)	98.23 %
Appearance (L305201Color)	White to off-white	White to off-white
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager