

Certificate of Analysis

Date of Testing: 2024-08-30 14:58:36
Date of Next Testing: 2027-08-30 14:58:36
Product Name: **Levofloxacin hydrochloride**
CAS Number: 177325-13-2
Specifications & Purity: $\geq 98\%$
Lot #: H2409556
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 [a] _D 20/D(c=2 in H ₂ 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