



# NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.  
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

## Certificate of Analysis

### Product Information

Item	Details
Product Name	Levofloxacin
Product Number	LV-20260226
Batch Number	LV-SH2026022601
Brand	SIGALD
CAS Number	100986-85-4
MDL Number	N/A
Formula	C <sub>18</sub> H <sub>20</sub> FN <sub>3</sub> O <sub>4</sub>
Formula Weight	361.37 g/mol
Quality Release Date	26 FEB 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to pale yellow	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Assay (Levofloxacin)	≥ 99.0%	99.7%	%	High Performance Liquid Chromatography (HPLC)
Loss on Drying	≤ 0.5%	0.06%	%	105°C, 2 hours
Residue on Ignition	≤ 0.1%	0.005%	%	600±25°C Ignition Method
Heavy Metals (Pb)	≤ 2 ppm	0.03 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.02 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances	≤ 0.5%	0.10%	%	High Performance Liquid Chromatography (HPLC)
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	≤ 0.02%	0.001%	%	Turbidimetric Method
Melting Point	214-220°C	217.5°C	°C	Melting Point Apparatus
pH Value (1% aqueous suspension, 25°C)	6.5-8.5	7.1	-	Digital pH Meter
Total Bacterial Count	≤ 5 CFU/g	0 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Yeast & Mold	≤ 5 CFU/g	0 CFU/g	CFU/g	Plate Count Method
Solubility in Acetic Acid	Freely soluble	Complies	-	Pharmacopoeia Method
Supplier Information	Confirmed	Confirmed	-	-

### Certification

This batch of product has been tested in accordance with the industrial standards for Levofloxacin and meets all specified requirements. It is qualified for use.

Issue Date:26 FEB 2026