纳维盈医化科技
NEWAY SINOPHC TECH

NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

Product Name: Lornoxicam
Product Information

Product Number	LOR-20260225
Batch Number	LOR-SH2026022501
Brand	SIGALD
CAS Number	70374-39-9
MDL Number	MFCD00867626
Formula	$C_{13}H_{10}ClN_3O_4S_2$
Molecular Weight	371.82 Da
Quality Release Date	25 FEB 2026

Test Results

Test	Specification (USP/EP/BP Standard)	Result	Unit	Test Method
Appearance (Color)	Pale yellow to yellow	Pale yellow	-	Visual Inspection
Appearance (Form)	Crystalline powder	Free-flowing crystalline powder	-	Visual Inspection
Assay (HPLC, dry basis)	≥ 99.0%	99.8%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	210-215℃ (decomp.)	212.5℃	℃	Capillary Melting Point Apparatus
Loss on Drying	≤ 0.5%	0.11%	%	Gravimetry (105℃, 2h)
Residue on Ignition	≤ 0.1%	0.02%	%	600℃ Ignition Method
pH Value (0.1% aq. suspension,25℃)	4.0-6.0	5.3	-	Digital pH Meter
Heavy Metals (Pb)	≤ 10 ppm	0.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 2 ppm	0.1 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Chloride (Cl^-)	≤ 0.01%	0.001%	%	Volumetric Method
Sulfate (SO_4^{2-})	≤ 0.01%	0.001%	%	Turbidimetric Method
Related Substances	≤ 0.5%	0.04%	%	HPLC
Total Aerobic Microorganisms	≤ 100 CFU/g	5 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Particle Size (Pass through)	≥95% 100 mesh	99%	-	Sieve Analysis
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification
This batch of product has been tested in accordance with USP/EP/BP pharmaceutical raw material industrial standards and meets all specified requirements. It is qualified for use in pharmaceutical preparations, anti-inflammatory analgesic formulations and scientific research applications.
Issue Date:25 FEB 2026