



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

Product Name: Naphazoline Hydrochloride

Product Information

Product Number NH-20260218
Batch Number NH-SH2026021801
Brand SIGALD
CAS Number 550-99-2
MDL Number MFCD00012156
Formula $C_{14}H_{14}N_2 \cdot HCl$
Formula Weight 246.74 g/mol
Quality Release Date 18 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Assay (Naphazoline Hydrochloride)	$\geq 98.5\%$	99.5%	%	High Performance Liquid Chromatography (HPLC)
Loss on Drying	$\leq 0.5\%$	0.09%	%	105°C, 2 hours
Residue on Ignition	$\leq 0.1\%$	0.002%	%	600±25°C Ignition Method
Heavy Metals (Pb)	≤ 2 ppm	0.01 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.003 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances	$\leq 1.0\%$	0.08%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	254-260°C (dec.)	256-258°C (dec.)	°C	Melting Point Apparatus
Solubility in Water	Freely soluble	Complies	-	Pharmacopoeia Method
pH Value (1% aqueous solution, 25°C)	5.5-6.5	6.0	-	Digital pH Meter
Total Bacterial Count	≤ 10 CFU/g	0 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Yeast & Mold	≤ 10 CFU/g	0 CFU/g	CFU/g	Plate Count Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

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

Issue Date: 18 FEB 2026