



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis

### Product Information

Item	Details
Product Name	Prilocaine Hydrochloride
Product Number	PH-20260222
Batch Number	PH-SH2026022201
Brand	SIGALD
CAS Number	4360-75-4
MDL Number	N/A
Formula	$C_{13}H_{20}N_2O \cdot HCl$
Formula Weight	256.77 g/mol
Quality Release Date	22 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 (Prilocaine Hydrochloride)	≥ 99.0%	99.7%	%	High Performance Liquid Chromatography (HPLC)
Loss on Drying	≤ 0.5%	0.10%	%	105°C, 2 hours
Residue on Ignition	≤ 0.1%	0.01%	%	600±25°C Ignition Method
Heavy Metals (Pb)	≤ 5 ppm	0.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.1 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances	≤ 0.5%	0.14%	%	HPLC
Chloride (Cl <sup>-</sup> )	13.8-14.5%	14.1%	%	Volumetric Method
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	≤ 0.05%	0.005%	%	Turbidimetric Method
Melting Point	167-171°C	169.4°C	°C	Melting Point Apparatus
pH Value (1% aqueous solution, 25°C)	4.0-6.0	5.1	-	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 the industrial standards for Prilocaine Hydrochloride and meets all specified requirements. It is qualified for use.

Issue Date:22 FEB 2026