



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
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Certificate of Analysis

Product Name: Prilocaine Product Information

Product Number PRI-20260215
Batch Number PRI-SH2026021501
Brand SIGALD
CAS Number 721-50-6
MDL Number MFCD00058067
Formula $C_{13}H_{20}N_2O$
Molecular Weight 220.31 Da
Quality Release Date 15 FEB 2026

Test Results

Test	Specification (USP/EP/BP Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Free-flowing crystalline powder	-	Visual Inspection
Assay (HPLC, dry basis)	$\geq 99.0\%$	99.8%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	37-41 °C	39.2 °C	°C	Capillary Melting Point Apparatus
Loss on Drying	$\leq 0.5\%$	0.07%	%	Gravimetry (105°C, 2h)
Residue on Ignition	$\leq 0.1\%$	0.01%	%	600°C Ignition Method
pH Value (1% aq. solution, 25°C)	5.0-7.0	6.2	-	Digital pH Meter
Heavy Metals (Pb)	≤ 10 ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 2 ppm	0.05 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Chloride (Cl^-)	$\leq 0.01\%$	0.001%	%	Volumetric Method
Sulfate (SO_4^{2-})	$\leq 0.01\%$	0.001%	%	Turbidimetric Method
Related Substances	$\leq 0.5\%$	0.02%	%	HPLC
Total Aerobic Microorganisms	≤ 100 CFU/g	2 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Particle Size (Pass through)	$\geq 95\%$ 80 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, local anesthetic formulations and scientific research applications.
Issue Date: 15 FEB 2026