



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Issue Date: 20 FEB 2026

Quality Release Date: 20 FEB 2026

Product Information

Product Name Clonazepam
Product Number CLZ-20260220
Batch Number CLZ-SH2026022001
Brand SIGALD
CAS Number 1622-61-3
MDL Number MFCD00058057
Formula C₁₅H₁₀CIN₃O₃
Formula Weight 315.71 g/mol

Test Results

Test	Specification (Pharmacopoeial Standard)	Result	Unit	Test Method
Appearance (Form)	White to off-white crystalline powder	White crystalline powder	-	Visual Inspection
Identification	Conforms to standard	Conforms	-	IR Spectroscopy
Assay (on dry basis)	≥ 98.5%	99.2%	%	HPLC
Loss on Drying	≤ 0.5%	0.2%	%	105°C, 2h Gravimetry
Residue on Ignition	≤ 0.1%	0.03%	%	550°C Ignition Method
Heavy Metals (Pb)	≤ 10 ppm	2.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Related Substances	Each impurity ≤ 0.5%; Total ≤ 1.0%	Each impurity ≤ 0.2%; Total ≤ 0.6%	%	HPLC
Chloride Content	9.5-10.5% (on dry basis)	9.8%	%	Volumetric Titration
Melting Point	237-240°C	238.5°C	°C	Capillary Melting Point Method
Solubility	Sparingly soluble in water, soluble in ethanol	Conforms	-	Solubility Test

Certification

This batch of Clonazepam has been tested in accordance with the relevant pharmacopoeial and industrial standards, and meets all specified quality requirements. It is qualified for use.