



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

Product Information

Item	Details
Product Name	Metoclopramide
Product Number	MET-20260220
Batch Number	MET-SH2026022001
Brand	SIGALD
CAS Number	364-62-5
MDL Number	MFCD00058567
Formula	C ₁₄ H ₂₂ ClN ₃ O ₂
Formula Weight	299.80 g/mol
Quality Release Date	20 FEB 2026

Test Results

Test	Specification (Pharmacopoeial Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Assay (Metoclopramide)	≥ 99.0%	99.6%	%	High Performance Liquid Chromatography (HPLC)
Loss on Drying	≤ 0.5%	0.08%	%	105°C, 2 hours
Residue on Ignition	≤ 0.1%	0.003%	%	600±25°C Ignition Method
Heavy Metals (Pb)	≤ 2 ppm	0.02 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.006 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances	≤ 0.5%	0.07%	%	High Performance Liquid Chromatography (HPLC)
pH Value (1% aqueous solution, 25°C)	4.5-6.0	5.3	-	Digital pH Meter
Chloride Content	11.8-12.5%	12.2%	%	Volumetric Titration
Total Bacterial Count	≤ 5 CFU/g	0 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Yeast & Mold	≤ 5 CFU/g	0 CFU/g	CFU/g	Plate Count Method
Solubility in Water	Freely soluble	Complies	-	Pharmacopoeia Method
Supplier Information	Confirmed	Confirmed	-	-

Certification

This batch of product has been tested in accordance with the pharmacopoeial and industrial standards for Metoclopramide and meets all specified requirements. It is qualified for use.
Issue Date:20 FEB 2026