



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis

**Product Name: Mexidol**

### Product Information

Product Number MEX-20260225  
Batch Number MEX-SH2026022501  
Brand SIGALD  
CAS Number 53378-72-8  
MDL Number MFCD00072568  
Formula  $C_{10} H_{15} NO_3$   
Formula Weight 197.23 g/mol  
Quality Release Date 25 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 (Mexidol)	98.5-101.5%	99.6%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	105-109°C	107.3°C	°C	Melting Point Apparatus
Loss on Drying	≤ 0.5%	0.11%	%	105°C, 2 hours
Residue on Ignition	≤ 0.1%	0.002%	%	600±25°C Ignition Method
Heavy Metals (Pb)	≤ 2 ppm	0.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.03 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances	≤ 0.5%	0.12%	%	High Performance Liquid Chromatography (HPLC)
Solubility in Water	Freely soluble	Complies	-	Pharmacopoeia Method
pH Value (1% aqueous solution, 25°C)	5.0-7.0	6.3	-	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 pharmacopoeial and industrial standards for Mexidol and meets all specified requirements. It is qualified for use.

Issue Date:25 FEB 2026