



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis

### Product Information

Item	Details
Product Name	Diclofenac Resinate
Product Number	DR-20260220
Batch Number	DR-SH2026022001
Brand	SIGALD
CAS Number	57469-78-0
MDL Number	N/A
Formula	C <sub>14</sub> H <sub>10</sub> Cl <sub>2</sub> NO <sub>2</sub> ·Resin Acid
Formula Weight	~580 g/mol (based on resin acid moiety)
Quality Release Date	20 FEB 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	Off-white	-	Visual Inspection
Appearance (Form)	Fine crystalline powder	Fine crystalline powder	-	Visual Inspection
Assay (Diclofenac)	≥ 98.0%	98.7%	%	High Performance Liquid Chromatography (HPLC)
Loss on Drying	≤ 0.5%	0.2%	%	105°C, 2 hours
Residue on Ignition	≤ 0.1%	0.05%	%	600±25°C Ignition Method
Heavy Metals (Pb)	≤ 10 ppm	2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 2 ppm	0.3 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Chloride (Cl <sup>-</sup> )	≤ 0.05%	0.02%	%	Volumetric Method
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	≤ 0.05%	0.01%	%	Turbidimetric Method
Related Substances	≤ 1.0%	0.3%	%	HPLC
Total Bacterial Count	≤ 10 CFU/g	3 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

### Certification

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