



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis

**Product Name: Thiocolchicoside**  
**Product Information**

Product Number TCC-20260228  
Batch Number TCC-SH2026022801  
Brand SIGALD  
CAS Number 2115-91-5  
MDL Number MFCD00058556  
Formula  $C_{29}H_{33}NO_{15}S$   
Formula Weight 667.64 g/mol  
Quality Release Date 28 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 (Thiocolchicoside)	98.0-102.0%	99.5%	%	High Performance Liquid Chromatography (HPLC)
Loss on Drying	≤ 0.5%	0.15%	%	105°C, 2 hours
Residue on Ignition	≤ 0.1%	0.003%	%	600±25°C Ignition Method
Heavy Metals (Pb)	≤ 2 ppm	0.3 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.05 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances	≤ 1.0%	0.21%	%	High Performance Liquid Chromatography (HPLC)
Optical Rotation ( $[\alpha]_{20}^D$ )	-130° to -140°	-135°	°	Polarimeter
Solubility in Water	Freely soluble	Complies	-	Pharmacopoeia Method
pH Value (1% aqueous solution, 25°C)	5.0-7.0	6.2	-	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 Thiocolchicoside and meets all specified requirements. It is qualified for use.  
Issue Date: 28 FEB 2026