



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis

**Product Name:** Isothiazolinones Aqueous Solution

### Product Information

Product Number: ISO-CAS55965849-202801 Batch Number: ISO-2028011001 Brand: SIGALD CAS Number: 55965-84-9 MDL Number: MFCD00145502 Formula: Mixture (Mainly 5-Chloro-2-methyl-4-isothiazolin-3-one & 2-Methyl-4-isothiazolin-3-one) Formula Weight: 149.58 (CMIT) / 115.17 (MIT) g/mol Quality Release Date: 10 JAN 2026

Test Item	Specification (Industrial Standard)	Result	Test Method
Appearance	Colorless to pale yellow transparent liquid, slight characteristic odor	Pale yellow transparent liquid	Visual Inspection
Total Active Ingredient Content	4.5-5.5% (CMIT:MIT = 3:1)	5.0% (CMIT:MIT = 3:1)	HPLC (GB/T 26373-2010)
pH Value (25°C)	2.0-4.0	3.2	Digital pH Meter
Density (25°C)	1.02-1.06 g/cm <sup>3</sup>	1.04 g/cm <sup>3</sup>	Hydrometer Method
Heavy Metals (Pb)	≤ 0.0005%	0.0001%	Atomic Absorption Spectrometry (AAS)
Arsenic (As)	≤ 0.0001%	0.00003%	Atomic Fluorescence Spectrometry (AFS)
Stability (6 months, 25°C)	≥ 90% Active Ingredient Retention	92%	HPLC
Chloride Content (as Cl <sup>-</sup> )	≤ 1.0%	0.6%	Silver Nitrate Titration
Supplier Information	Confirmed	Confirmed	-
Registered Trademark	Confirmed	Confirmed	-

This batch of product has been tested in accordance with industrial standards for isothiazolinones and meets all specified requirements. It is qualified for use.  
Issue Date: 10 JAN 2026