



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

Issue Date: 29 FEB 2026 Quality Release Date: 29 FEB 2026

### Product Information

Product Name	Calcium Saccharin (Feed Grade)
Product Number	CAS-F20260229
Batch Number	CAS-SH2026022901
Brand	SIGALD
CAS Number	6485-34-3
MDL Number	MFCD00067616
Formula	C <sub>14</sub> H <sub>8</sub> CaN <sub>2</sub> O <sub>6</sub> S <sub>2</sub> ·2H <sub>2</sub> O
Formula Weight	468.46 g/mol

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	-	Visual Inspection	
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Assay (on dry basis)	≥ 98.0%	98.9%	%	Titration Method
Loss on Drying	≤ 10.0%	8.2%	%	105°C, 4h Gravimetry
pH Value (1% in H <sub>2</sub> O, 25°C)	5.0 - 7.5	6.3	-	Digital pH Meter
Heavy Metals (Pb)	≤ 10 ppm	3.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 2 ppm	0.5 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Chloride (Cl <sup>-</sup> )	≤ 0.05%	< 0.02%	%	Turbidimetry
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	≤ 0.05%	< 0.02%	%	Turbidimetry
Ammonium (NH <sub>4</sub> <sup>+</sup> )	≤ 0.02%	< 0.01%	%	Colorimetry
Benzoic Acid	≤ 0.02%	< 0.01%	%	HPLC
Phthalic Acid	≤ 0.02%	< 0.01%	%	HPLC
Total Bacterial Count	≤ 10 <sup>4</sup> CFU/g	280 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Salmonella	Negative	Negative	-	Microbiological Detection
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

### Certification

This batch of product has been tested in accordance with industrial standards for feed grade calcium saccharin and meets all specified requirements. It is qualified for use.