



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

**Product Name: Sodium Saccharin (Feed Grade)**

### Product Information

Item	Details
Product Number	SS-FEED-20260222
Batch Number	SS-F2026022201
Brand	SIGALD
CAS Number	6155-57-3
MDL Number	MFCD00064228
Formula	$C_7H_4NNaO_3S \cdot 2H_2O$
Formula Weight	241.19 g/mol
Quality Release Date	22 FEB 2026

### Test Results (Compliant with Feed Additive Standards)

Test	Specification (Feed Grade)	Result	Unit	Test Method
Appearance	White crystalline powder, odorless	White crystalline powder	-	Visual Inspection
Assay (as $C_7H_4NNaO_3S$ )	≥99.0%	99.5%	%	Titration (Volumetric Method)
Loss on Drying	12.0%-16.0%	14.2%	%	105°C, 4 Hours
pH Value (10% Aqueous, 25°C)	7.0-9.0	8.1	-	Digital pH Meter
Residue on Ignition	≤0.1%	0.03%	%	600±50°C
Heavy Metals (as Pb)	≤1 ppm	0.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Arsenic (As)	≤0.5 ppm	0.03 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Chloride ( $Cl^-$ )	≤0.005%	0.002%	%	Volumetric Method
Sulfate ( $SO_4^{2-}$ )	≤0.005%	0.002%	%	Turbidimetric Method
Solubility in Water	Freely soluble	Conforms	-	Visual Inspection
Total Bacterial Count	≤10 CFU/g	2 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Salmonella	Negative in 25g	Negative	-	GB 13078.1

### Certification

This batch of **Feed Grade Sodium Saccharin** has been tested in accordance with **GB 13078.1-2017 (Feed Hygiene Standard)** and relevant national specifications for feed sweeteners. It meets all specified requirements for feed additive use and is qualified for release.

**Date:** 22 FEB 2026