



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Name:**Sodium Benzoate (Food Grade)**

Product Information

Product Number	SB-20260222
Batch Number	SB-SH2026022201
Brand	SIGALD
CAS Number	532-32-1
MDL Number	MFCD00002464
Formula	C ₇ H ₅ O ₂ Na
Formula Weight	144.11 g/mol
Quality Release Date	22 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Crystalline powder or granular, free-flowing	Crystalline powder	-	Visual Inspection
Assay (C ₇ H ₅ O ₂ Na)	≥ 99.0%	99.7%	%	Acid-Base Titration
Moisture Content	≤ 0.5%	0.2%	%	105°C Constant Weight Method
pH Value (25°C, 5% aqueous solution)	7.0-8.5	7.6	-	Digital pH Meter
Free Acid (as benzoic acid)	≤ 0.2%	0.08%	%	Titration Method
Free Alkali (as Na ₂ CO ₃)	≤ 0.1%	0.03%	%	Titration Method
Heavy Metals (Pb)	≤ 0.5 ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Arsenic (As)	≤ 0.1 ppm	< 0.05 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Sulfate (as SO ₄)	≤ 0.01%	0.002%	%	Turbidimetric Method
Chloride (as Cl)	≤ 0.01%	0.001%	%	Nitrate Titration
Iron (Fe)	≤ 0.001%	0.0002%	%	Colorimetric Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification This batch of product has been tested in accordance with industrial standards for food-grade Sodium Benzoate and meets all specified requirements. It is qualified for use as a food additive (preservative, antifungal agent).

Issue Date: 22 FEB 2026