



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Certificate of Analysis (COA)

Product Information

Product Name Sodium Bicarbonate (Food/Industrial Grade)
Product Number NaHCO₃-20260220
Batch Number NaHCO₃-SH2026022001
Brand:TECHPURE
CAS Number 144-55-8
MDL Number MFCD00003559
Formula NaHCO₃
Formula Weight 84.01 g/mol
Quality Release Date 20 FEB 2026

Test Results

Test	Specification (Dual Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Purity (NaHCO ₃ Content)	≥ 99.5% (Food/Industrial)	99.8%	%	Acid Titration Method
Moisture Content	≤ 0.2% (Food)/≤ 0.5% (Industrial)	0.1%	%	Karl Fischer Titration
Insoluble Matter in Water	≤ 0.01% (Food)/≤ 0.02% (Industrial)	0.002%	%	Gravimetric Method
Chloride (as Cl ⁻)	≤ 0.05%	0.02%	%	Potentiometric Titration
Sulfate (as SO ₄ ²⁻)	≤ 0.03%	0.01%	%	Turbidimetric Method
Heavy Metals (Pb)	≤ 0.5 ppm (Food)/≤ 1.0 ppm (Industrial)	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Arsenic (As)	≤ 0.1 ppm (Food)	0.03 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
pH Value (5% aqueous solution, 25°C)	8.0-9.5	8.5	-	Digital pH Meter

Certification

This batch of product meets the requirements of GB 1887-2014 (food grade) and industrial grade national standards. It has passed strict quality testing, with all indicators qualified, and is suitable for food processing, industrial production and laboratory use.

Issue Date:20 FEB 2026