



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

### Product Information

Product Name Sodium Carbonate (Anhydrous, Industrial Grade)  
Product Number Na<sub>2</sub>CO<sub>3</sub>-20260219  
Batch Number Na<sub>2</sub>CO<sub>3</sub>-SH2026021901  
Brand:TECHPURE  
CAS Number 497-19-8  
MDL Number MFCD00003499  
Formula Na<sub>2</sub>CO<sub>3</sub>  
Formula Weight 105.99 g/mol  
Quality Release Date 19 FEB 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Crystalline powder/light powder	Crystalline powder	-	Visual Inspection
Purity (Na <sub>2</sub> CO <sub>3</sub> Content)	≥ 99.2%	99.5%	%	Acid Titration Method
Moisture Content	≤ 0.5%	0.2%	%	Karl Fischer Titration
Insoluble Matter in Water	≤ 0.02%	0.005%	%	Gravimetric Method
Chloride (as Cl <sup>-</sup> )	≤ 0.05%	0.02%	%	Potentiometric Titration
Sulfate (as SO <sub>4</sub> <sup>2-</sup> )	≤ 0.03%	0.01%	%	Turbidimetric Method
Heavy Metals (Pb)	≤ 0.5 ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	≤ 0.001%	0.0003%	%	Spectrophotometry
pH Value (10% aqueous solution, 25°C)	11.5-12.5	12.0	-	Digital pH Meter

### Certification

This batch of product has been tested in accordance with national industrial standards for anhydrous sodium carbonate and meets all specified requirements. It is qualified for industrial production, water treatment and laboratory use.

Issue Date:19 FEB 2026