

Certificate of Analysis

Compound Information

Product Name:	Sodium bicarbonate, AR, ≥99.5%
Cat. No.:	1569436
CAS No.:	144-55-8
Molecular Formula:	CHNaO ₃
Molecular Weight:	84.01
Chemical Structure:	



Batch Information

Batch No.:	Lg1124340477
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-11-24
Retest Date:	2026-11-23
Origin:	Shanghai, China

QC Summary

QC Summary	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Assay, ω/%:	≥99.5	99.6
pH(50 g/L 25°C):	≤8.6	8.4
Clarity Test:	Pass	Pass
Water Insoluble Substance, ω/%:	≤0.01	0.008
Chloride(Cl), ω/%:	≤0.002	0.0015
Sulfate(SO ₄), ω/%:	≤0.005	0.004
Total Nitrogen(N), ω/%:	≤0.001	Qualified
Magnesium(Mg), ω/%:	≤0.003	Qualified
Potassium(K), ω/%:	≤0.01	Qualified
Calcium(Ca), ω/%:	≤0.007	Qualified
Iron(Fe), ω/%:	≤0.001	0.0007
Heavy Metals(as Pb), ω/%:	≤0.001	Qualified
Phosphate And Silicate(as SiO ₂), ω/%:	≤0.005	0.004

Conclusion:

The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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