

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.:	L400634
Storage:	Store at room temperature, keep dry and cool
Test Date:	2024-04-13
Retest Date:	2027-04-12
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Assay, ω/%:	≥99.5	99.61
pH(50 g/L 25°C):	≤8.6	8.2
Clarity Test:	Pass	qualified
Water Insoluble Substance, ω/%:	≤0.01	0.008
Chloride(Cl), ω/%:	≤0.002	qualified
Sulfate(SO ₄), ω/%:	≤0.005	qualified
Total Nitrogen(N), ω/%:	≤0.001	qualified
Magnesium(Mg), ω/%:	≤0.003	0.0025
Potassium(K), ω/%:	≤0.01	0.007
Calcium(Ca), ω/%:	≤0.007	qualified
Iron(Fe), ω/%:	≤0.001	qualified
Heavy Metals(as Pb), ω/%:	≤0.001	qualified
Phosphate And Silicate(as SiO ₂), ω/%:	≤0.005	qualified

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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