

Certificate of Analysis

Compound Information

Product Name:	Sodium carbonate anhydrous, 99.8%
Cat. No.:	1715129
CAS No.:	497-19-8
Molecular Formula:	CNa ₂ O ₃
Molecular Weight:	105.99
Chemical Structure:	



Batch Information

Batch No.:	L383757
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2024-03-25
Retest Date:	2027-03-24
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Assay, ω/%:	≥99.8	99.9
Clarity Test:	≤3	qualified
Water Insoluble Substance, ω/%:	≤0.01	0.007
Loss On Drying, ω/%:	≤1.0 (300°C)	0.8
Chloride(Cl), ω/%:	≤0.002	qualified
Sulfide(S), ω/%:	≤0.005	qualified
Total Nitrogen(N), ω/%:	≤0.001	qualified
Phosphate And Silicate(as SiO ₃), ω/%:	≤0.006	qualified
Magnesium(Mg), ω/%:	≤0.002	0.001
Aluminium(Al), ω/%:	≤0.003	qualified
Potassium(K), ω/%:	≤0.005	0.003
Calcium(Ca), ω/%:	≤0.01	0.007
Iron(Fe), ω/%:	≤0.0005	qualified

Heavy Metals(as Pb), ω /%:

≤ 0.0005

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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