

Certificate of Analysis

Compound Information

Product Name:	Calcium Carbonate, 99.95-100.05%, PT (reference reagent)
Cat. No.:	1272123
CAS No.:	471-34-1
Molecular Formula:	CCaO ₃
Molecular Weight:	100.09
Chemical Structure:	



Batch Information

Batch No.:	Lg0323226599
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2023-03-23
Retest Date:	2026-03-22
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Assay, ω/%:	99.95~100.05	99.96
Clarity Test:	≤5	qualified
Loss On Drying, ω/%:	≤0.2	qualified
Alkalinity, mmol/g:	≤0.0025	qualified
Chloride(Cl), ω/%:	≤0.001	qualified
Sulfate(SO ₄), ω/%:	≤0.01	qualified
Total Nitrogen(N), ω/%:	≤0.01	qualified
Magnesium(Mg), ω/%:	≤0.02	qualified
Iron(Fe), ω/%:	≤0.001	qualified
Heavy Metals(as Pb), ω/%:	≤0.001	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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