

Certificate of Analysis

Compound Information

Product Name:	Sodium chloride, 99.95-100.05%, PT (reference reagent)
Cat. No.:	1272122
CAS No.:	7647-14-5
Molecular Formula:	ClNa
Molecular Weight:	58.44
Chemical Structure:	

NaCl

Batch Information

Batch No.:	Lg0731288332
Storage:	Store at room temperature
Test Date:	2023-07-31
Retest Date:	2026-07-30
Origin:	Shanghai, China

QC Summary

QC Summary	Specification	Result
Appearance:	White to off-white (Solid)	White (Crystalline Powder)
Assay, $\omega/\%$:	99.95~100.05	99.98
pH(50 g/L 25°C):	5.0~8.0	5.96
Clarity Test:	≤ 2	qualified
Water Insoluble Substance, $\omega/\%$:	≤ 0.003	qualified
Iodide(I), $\omega/\%$:	≤ 0.001	qualified
Bromide(Br), $\omega/\%$:	≤ 0.005	qualified
Sulfate(SO ₄), $\omega/\%$:	≤ 0.001	qualified
Total Nitrogen(N), $\omega/\%$:	≤ 0.0005	qualified
Phosphate(PO ₄), $\omega/\%$:	≤ 0.0005	qualified
Hexacyanoferrate(II) [asFe(CN) ₆], $\omega/\%$:	≤ 0.0001	qualified
Magnesium(Mg), $\omega/\%$:	≤ 0.001	qualified
Potassium(K), $\omega/\%$:	≤ 0.01	qualified
Calcium(Ca), $\omega/\%$:	≤ 0.002	qualified

Iron(Fe),ω/%:	≤ 0.0001	qualified
Barium(Ba),ω/%:	≤ 0.001	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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