

## Certificate of Analysis

### Compound Information

Product Name:	Sodium chloride,AR,99.5%
Cat. No.:	1042472
CAS No.:	7647-14-5
Molecular Formula:	ClNa
Molecular Weight:	58.44
Chemical Structure:	

# NaCl

### Batch Information

Batch No.:	L335274
Storage:	Store at room temperature
Test Date:	2024-01-17
Retest Date:	2029-01-16
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):	5.0~8.0	7.1
Clarity Test:	Pass	Qualified
Water Insoluble Substance,ω/%:	≤0.005	0.0045
Loss On Drying,ω/%:	≤0.5	0.45
Iodide(I),ω/%:	≤0.002	0.0017
Bromide(Br),ω/%:	≤0.01	0.007
Sulfate(SO <sub>4</sub> ),ω/%:	≤0.002	0.0018
Total Nitrogen(N),ω/%:	≤0.001	Qualified
Phosphate(PO <sub>4</sub> ),ω/%:	≤0.001	0.0008
Arsenic(As),ω/%:	≤0.00005	Qualified
Magnesium(Mg),ω/%:	≤0.002	Qualified
Potassium(K),ω/%:	≤0.02	Qualified
Calcium(Ca),ω/%:	≤0.005	Qualified

<b>Hexacyanoferrate( II ) [asFe(CN)<sub>6</sub>],ω/%:</b>	≤0.0001	Qualified
<b>Iron(Fe),ω/%:</b>	≤0.0002	0.00019
<b>Barium(Ba),ω/%:</b>	≤0.001	Qualified
<b>Heavy Metals(as Pb),ω/%:</b>	≤0.0005	0.00042
<b>Conclusion:</b>	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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