

## Certificate of Analysis

Date of Testing: 2023-08-17 09:47:51  
 Date of Next Testing: 2026-08-16 09:47:51  
 Product Name: **Sodium chloride**  
 CAS Number: 7647-14-5  
 Specifications & Purity: anhydrous, ACS reagent, ≥99%  
 Lot #: H2314397  
 SKU #: **S433743**  
**Analysis: 264912**

Parameter	Limit Values	Result
Assay(Titration by AgNO3)	99-101.5 (%)	100.00 %
Loss on drying	0-1 (%)	0.05 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
PH (50g/L, 25°C)	5-9	6.00000
Iodide(I)	0-0.002 (%)	0.00000 %
Bromide(Br)	0-0.01 (%)	0.00060 %
Chlorate and Nitrate (as NO3)	0-0.003 (%)	0.00000 %
Phosphate(PO4)	0-5 (ppm)	0.40000 ppm
Sulfate(SO4)	0-0.004 (%)	0.00200 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Iron(Fe)	0-2 (ppm)	0.10 ppm
Heavy metals	0-5 (ppm)	0.40 ppm
Potassium(K)	0-0.005 (%)	0.00 %
Appearance(S433743)	White Crystals, Powder or Crystalline Solid	White Crystals, Powder or Crystalline Solid
ICP:Confirms Barium Component	Confirmed	Confirmed
Solubility in H2O , Colorless Clear 100 mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager