

Certificate of Analysis

Date of Testing: 2023-08-16 11:47:12
 Date of Next Testing: 2026-08-15 11:47:12
 Product Name: **Sodium chloride**
 CAS Number: 7647-14-5
 Specifications & Purity: anhydrous, ACS reagent, ≥99%
 Lot #: H2314392
 SKU #: **S433743**
Analysis: 265707

Parameter	Limit Values	Result
Assay(Titration by AgNO ₃)	99-101.5 (%)	100.00 %
Loss on drying	0-1 (%)	0.01 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
PH (50g/L, 25°C)	5-9	6.00000
Iodide(I)	0-0.002 (%)	0.00010 %
Bromide(Br)	0-0.01 (%)	0.00210 %
Chlorate and Nitrate (as NO ₃)	0-0.003 (%)	0.00103 %
Phosphate(PO ₄)	0-5 (ppm)	3.01020 ppm
Sulfate(SO ₄)	0-0.004 (%)	0.00310 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Iron(Fe)	0-2 (ppm)	1.10 ppm
Heavy metals	0-5 (ppm)	2.00 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 H ₂ O , 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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager