

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-18 15:38:25

Date of Next Testing: 2027-10-17 15:38:25

Product Name: **Sodium chloride**

CAS Number: 7647-14-5

Specifications & Purity: GR, ≥99.8%

Lot #: J2317077

SKU #: **C111535**

Version: **4**

Analysis #: **197090**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	99.8-100 (%)	99.99560 %
Ferrocyanides	0-0.0001 (%)	0.00006 %
Nitrogen by Elemental Analysis	0-0.0005 (%)	0.00025 %
(Br)Bromide	0-0.005 (%)	0.00300 %
Potassium(K)	0-0.01 (%)	0.00490 %
(PO4)Phosphate	0-0.0005 (%)	0.00020 %
Barium(Ba)	0-0.001 (%)	0.00050 %
Sulfate(SO42-)	0-0.001 (%)	0.00036 %
Insoluble matter in H2O	0-0.003 (%)	0.00120 %
(As)Arsenic	0-0.00002 (%)	0.00001 %
Loss on drying	0-0.2 (%)	0.17000 %
(I)Iodide	0-0.001 (%)	0.00050 %
Calcium(Ca)	0-0.002 (%)	0.00100 %
PH (50g/L, 25°C)	5-8	6.50000
Magnesium(Mg)	0-0.001 (%)	0.00049 %
[Fe(CN)6]4-Ferrocyanide	0-0.0001 (%)	0.00003 %
Iron(Fe)	0-0.0001 (%)	0.00005 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00021 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Clarity of solution	pass	Pass



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager