

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-10 16:00:24

Date of Next Testing: 2027-09-30 16:00:24

Product Name: **Sodium chloride**

CAS Number: 7647-14-5

Specifications & Purity: Suitable for molecular biology, ≥99.5%(AT)

Lot #: I2523286

SKU # **C111547**

Version **0**

Analysis #: **528913**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Calcium(Ca)	0-50 (ppm)	0.52600 ppm
Magnesium(Mg)	0-50 (ppm)	0.24800 ppm
Iron(Fe)	0-2 (ppm)	0.02500 ppm
Purity	99.5-100 (%)	99.97010 %
I	0-20 (ppm)	0.15820 ppm
Sulfate(SO42-)	0-4 (ppm)	0.00000 ppm
Phosphate(PO4)	0-5 (ppm)	0.00000 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.26590 ppm
Potassium(K)	0-50 (ppm)	0.52400 ppm
UV Absorbance 280nm	0-0.01	0.00400
UV Absorbance 260nm	0-0.01	0.00400
Appearance (C111547)	White Powder or Crystals	White Powder or Crystals
DNase, RNase and Protease	None Detected	none detected
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
λ,0.1 M in H2O	Pass	Pass



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager