

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-21 16:50:36
Date of Next Testing: 2028-01-11 16:50:36
Product Name: **Sodium chloride**
CAS Number: 7647-14-5
Specifications & Purity: Suitable for molecular biology, ≥99.5%(AT)
Lot #: A2614503
SKU #: **C111547**
Version: **0**
Analysis #: **632371**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Calcium(Ca)	0-50 (ppm)	0.53 ppm
Magnesium(Mg)	0-50 (ppm)	0.23 ppm
Iron(Fe)	0-2 (ppm)	0.02 ppm
Purity	99.5-100 (%)	99.98 %
UV Absorbance 280nm	0-0.01	0.01
I	0-20 (ppm)	0.43 ppm
Sulfate(SO42-)	0-4 (ppm)	0.00 ppm
Phosphate(PO4)	0-5 (ppm)	0.00 ppm
UV Absorbance 260nm	0-0.01	0.01
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	0.42 ppm
Appearance (C111547)	White Powder or Crystals	White Powder or Crystals
DNase, RNase and Protease	None Detected	none detected
λ,0.1 M in H2O	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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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