

Certificate of Analysis

Date of Testing: 2024-12-09 15:41:36
Date of Next Testing: 2026-11-29 15:41:36
Product Name: **Sodium chloride**
CAS Number: 7647-14-5
Specifications & Purity: for molecular biology, ≥99.5%(AT)
Lot #: L2402080
SKU #: **C111547**
Version: **0**
Analysis #: **383475**

Parameter	Limit Values	Result
Calcium(Ca)	0-50 (ppm)	12.00 ppm
Magnesium(Mg)	0-50 (ppm)	2.20 ppm
Iron(Fe)	0-2 (ppm)	1.00 ppm
Purity	99.5-100 (%)	100.00 %
UV Absorbance 280nm	0-0.01	0.00
I	0-20 (ppm)	1.00 ppm
Sulfate(SO42-)	0-4 (ppm)	0.00 ppm
Phosphate(PO4)	0-5 (ppm)	0.00 ppm
UV Absorbance 260nm	0-0.01	0.00
Heavy metal (as Pb)	0-5 (ppm)	1.00 ppm
Potassium(K)	0-50 (ppm)	2.30 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



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