

Certificate of Analysis

Date of Testing: 2024-01-17 17:00:01
Date of Next Testing: 2026-01-06 17:00:01
Product Name: **Sodium chloride**
CAS Number: 7647-14-5
Specifications & Purity: for molecular biology, ≥99.5%(AT)
Lot #: A2405531
SKU #: **C111547**
Analysis: **308809**

Parameter	Limit Values	Result
Calcium(Ca)	0-50 (ppm)	1.06 ppm
Magnesium(Mg)	0-50 (ppm)	0.85 ppm
Iron(Fe)	0-2 (ppm)	0.35 ppm
Purity	99.5-100 (%)	100.00 %
UV Absorbance 280nm	0-0.01	0.01
I	0-20 (ppm)	1.15 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)	0.32 ppm
Potassium(K)	0-50 (ppm)	1.46 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



John Su
QA & QC Manager