

Certificate of Analysis

Date of Testing: 2022-01-20 13:55:58

Date of Next Testing: 2024-01-10 13:55:58

Product Name: **Sodium chloride**

CAS Number: 7647-14-5

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

Lot #: A2219378

SKU #: **C111547**

Analysis: 066785

Parameter	Limit Values	Result
Calcium(Ca)	0-50 (ppm)	10.00 ppm
Magnesium(Mg)	0-50 (ppm)	8.00 ppm
Iron(Fe)	0-2 (ppm)	1.00 ppm
Purity	99.5-100 (%)	100.00 %
UV Absorbance 280nm	0-0.01	0.01
I	0-20 (ppm)	2.35 ppm
Sulfate(SO42-)	0-4 (ppm)	1.30 ppm
Phosphate(PO4)	0-5 (ppm)	2.30 ppm
UV Absorbance 260nm	0-0.01	0.01
Heavy metal (as Pb)	0-5 (ppm)	1.03 ppm
Potassium(K)	0-50 (ppm)	12.00 ppm
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



John Su
QA & QC Manager