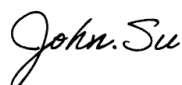


Certificate of Analysis

Date of Testing: 2022-02-19 13:33:22
 Date of Next Testing: 2024-02-09 13:33:22
 Product Name: **Sodium chloride**
 CAS Number: 7647-14-5
 Specifications & Purity: for molecular biology, ≥99.5%(AT)
 Lot #: B2218364
 SKU #: **C111547**
Analysis: 071776

Parameter	Limit Values	Result
Calcium(Ca)	0-50 (ppm)	12.00 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)	6.00 ppm
Sulfate(SO42-)	0-4 (ppm)	0.00 ppm
Phosphate(PO4)	0-5 (ppm)	0.00 ppm
UV Absorbance 260nm	0-0.01	0.01
Heavy metal (as Pb)	0-5 (ppm)	0.10 ppm
Potassium(K)	0-50 (ppm)	30.00 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