

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-20 16:53:35
 Date of Next Testing: 2026-12-19 16:53:35
 Product Name: **Sodium chloride solution**
 CAS Number: 7647-14-5
 Specifications & Purity: Ultrapure BioReagent, for molecular biology, ~5 M in H₂O
 Lot #: L2312130
 SKU #: **S433740**
 Analysis: **307768**

Parameter	Limit Values	Result
titration (molarity)	4.8-5.2 (mol/L)	5.00000 mol/L
Refractive index n ₂₀ /D	1.337-1.379	1.38
Aluminium(Al)	0-1 (ppm)	0.02000 ppm
Barium(Ba)	0-1 (ppm)	0.00 ppm
Bismuth(Bi)	0-1 (ppm)	0.00 ppm
Calcium(Ca)	0-5 (ppm)	4.00 ppm
Cadmium(Cd)	0-1 (ppm)	0.00 ppm
Cobalt(Co)	0-1 (ppm)	0.00 ppm
Chromium (ICP)	0-1 (ppm)	0.00 ppm
Copper(Cu)	0-1 (ppm)	0.02 ppm
Iron(Fe)	0-1 (ppm)	0.40 ppm
Potassium(K)	0-20 (ppm)	16.00 ppm
Lithium(Li)	0-1 (ppm)	0.20 ppm
Magnesium(Mg)	0-1 (ppm)	0.60 ppm
Manganese(Mn)	0-1 (ppm)	0.30 ppm
Molybdenum(Mo)	0-1 (ppm)	0.00 ppm
Nickel(Ni)	0-1 (ppm)	0.00 ppm
Lead(Pb)	0-1 (ppm)	0.00 ppm
Strontium(Sr)	0-1 (ppm)	0.00 ppm
Zinc(Zn)	0-1 (ppm)	0.00 ppm
PH(Solution)	5-7	6.50000
UV Absorbance 260nm	0-0.02	0.01
UV Absorbance 280nm	0-0.01	0.01
Appearance(S433740)	Colorless Liquid	Colorless liquid
Extraneous activities(DNAases,RNAases,Proteases,Phosphatases)	Pass	Pass
Residue (filter test)	no residue	no residue



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager