

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-21 11:48:12
 Date of Next Testing: 2028-11-20 11:48:12
 Product Name: **Sodium chloride solution**
 CAS Number: 7647-14-5
 Specifications & Purity: UltraBio™, Suitable for molecular biology, Ultra pure, ~5 M in H2O
 Lot #: K2507727
 SKU #: **S433740**
 Version: **1**
 Analysis #: **613765**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
titration (molarity)	4.8-5.2 (mol/L)	5.00000 mol/L
Refractive index n20/D	1.337-1.379	1.37700
Aluminium(Al)	0-1 (ppm)	0.00000 ppm
Barium(Ba)	0-1 (ppm)	0.00000 ppm
Bismuth(Bi)	0-1 (ppm)	0.00000 ppm
Calcium(Ca)	0-5 (ppm)	0.00000 ppm
Cadmium(Cd)	0-1 (ppm)	0.00000 ppm
Cobalt(Co)	0-1 (ppm)	0.00000 ppm
Chromium (ICP)	0-1 (ppm)	0.00000 ppm
Copper(Cu)	0-1 (ppm)	0.00000 ppm
Iron(Fe)	0-1 (ppm)	0.00000 ppm
Potassium(K)	0-20 (ppm)	0.00000 ppm
Lithium(Li)	0-1 (ppm)	0.00000 ppm
Magnesium(Mg)	0-1 (ppm)	0.00000 ppm
Manganese(Mn)	0-1 (ppm)	0.00000 ppm
Molybdenum(Mo)	0-1 (ppm)	0.00000 ppm
Nickel(Ni)	0-1 (ppm)	0.00000 ppm
Lead(Pb)	0-1 (ppm)	0.00000 ppm
Strontium(Sr)	0-1 (ppm)	0.00000 ppm
Zinc(Zn)	0-1 (ppm)	0.00000 ppm
PH(Solution)	5-7	5.97300
UV Absorbance 260nm	0-0.02	0.00310
UV Absorbance 280nm	0-0.01	0.00190
Appearance(S433740)	Colorless Liquid	Colorless liquid
Solvent(H2O)	Conform	Conform



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Parameter

Extraneous activities(DNAses,RNAses,Proteases,Phosphatases)

Residue (filter test)

Limit Values

Pass

no residue

Result

Pass

no residue

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

John Su
QA & QC Manager