

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-25 16:43:40

Date of Next Testing: 2028-09-24 16:43:40

Product Name: **Potassium chloride solution**

CAS Number: 7447-40-7

Specifications & Purity: UltraBio™, Suitable for molecular biology, Ultra pure, ~1 M in H2O

Lot #: I2517025

SKU #: **P433493**

Version: **1**

Analysis #: **583138**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Aluminum(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(Cr)	0-1 (ppm)	0.00000 ppm
Copper(Cu)	0-1 (ppm)	0.00000 ppm
Iron(Fe)	0-1 (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
Sodium(Na)	0-20 (ppm)	16.60000 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
Total sulfur as SO4 (ICP)	0-10 (ppm)	0.00000 ppm
Total Nitrogen	0-10 (ppm)	8.00000 ppm
UV Absorbance 260nm	0-0.02	0.00930
UV Absorbance 280nm	0-0.02	0.00730
Concentration	0.95-1.05 (mol/L)	1.00000 mol/L
Appearance(P433493)	Colorless Liquid	Colorless liquid
Solvent(H2O)	Conform	Conform



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Parameter

Extraneous Activities(DNAses, RNAses, Proteases, Phosphatases)

Limit Values

Not Detectable

Result

not detectable

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

John Su
QA & QC Manager