

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Sodium chloride solution**  
Specifications & Purity: **Ultrapure BioReagent, for molecular biology, ~5 M in H<sub>2</sub>O**  
SKU #: **S433740**

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