

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Polyethylene glycol solution**
Specifications & Purity: **Ultrapure BioReagent, for molecular biology, 1,000, ~50% in H2O**
SKU #: **P432421**

Parameter	Limit Values
Appearance(P432421)	Colorless Liquid
extraneous Activities DNAses, RNAses, Proteases, Phosphatases Not Detectable	Pass
PH(Solution)	6.0-7.5
UV Absorbance 260nm	0-0.600
UV Absorbance 280nm	0-0.300
Refractive index n20/D	1.401-1.411
Aluminum(Al)	0-5 (ppm)
Barium(Ba)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Cadmium(Cd)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
Chromium(Cr)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Potassium(K)	0-200 (ppm)
Lithium(Li)	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Sodium(Na)	0-200 (ppm)
Nickel(Ni)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Arsenic traces(MHS-AAS)	0-0.1 (ppm)
Total sulfur as SO4 (ICP)	0-50 (ppm)
Chloride (Cl-)	0-50 (ppm)