

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: Potassium phosphate dibasic anhydrous
Specifications & Purity: for molecular biology, ≥99.0%(T)
SKU # P112220

Parameter	Limit Values
Manganese(Mn)	0-5 (ppm)
Sulfate(SO42-)	0-50 (ppm)
Copper(Cu)	0-5 (ppm)
Purity(Titration by HClO4)	99-101 (%)
pH	8.7-9.3
Lead(Pb)	0-5 (ppm)
Nickel(Ni)	0-5 (ppm)
(As)Arsenic	0-0.1 (ppm)
Bismuth(Bi)	0-5 (ppm)
Sodium(Na)	0-5000 (ppm)
UV Absorbance 280nm	0-0.15
UV Absorbance 260nm	0-0.2
Cadmium(Cd)	0-5 (ppm)
Chloride (Cl-)	0-50 (ppm)
Barium(Ba)	0-5 (ppm)
Chrome(Cr)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Lithium(Li)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
Aluminum(Al)	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Appearance (P112220)	white crystalline powder
DNAse, RNAse, Protease, Phosphatase	None Detected
Ignition Residue (as sulfate)	None Detected
Solubility in H2O , Clear Colorless , 5.225g/30ml (1M), H2O	pass
X-Ray Diffraction	Conforms to Structure
λ,1 M in H2O	Pass