

Specification Sheet

Product Name: **Sodium phosphate monobasic monohydrate**
 Specifications & Purity: Suitable for molecular biology, BioReagent, ≥99.5%(T)
 SKU # **S755763Z**

Parameter	Limit Values
Aluminium(Al)	0-5 (ppm)
Appearance(S755763Z)	Colorless or White Crystals
Arsenic(As)	0-0.1 (ppm)
Barium(Ba)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Cadmium(Cd)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Chloride (Cl-)	0-5 (ppm)
Chromium(Cr)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
extraneous Activities DNAses, RNAses, Proteases, Phosphatases Not Detectable	Pass
Iron(Fe)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Lithium(Li)	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
metal trace analysis (icp)	corresponds to requirements
Molybdenum(Mo)	0-5 (ppm)
Nickel(Ni)	0-5 (ppm)
PH(Solution)	4.0-4.5
Potassium(K)	0-50 (ppm)
Residue (filter test)	no residue
Sodium(Na)	0-50 (ppm)
Solubility in H ₂ O , Colorless , Clear , 1M	pass
Strontium(Sr)	0-5 (ppm)
Sulfate(SO ₄ ²⁻)	0-30 (ppm)
Titration (T) NAOH 1M	99.5-101.0 (%)
Total Nitrogen	0-10 (ppm)
UV Absorbance 260nm	0-0.03
UV Absorbance 280nm	0-0.02
Zinc(Zn)	0-5 (ppm)