

Specification Sheet

Product Name: **Potassium phosphate monobasic**
Specifications & Purity: for HPLC, $\geq 99.5\%$ (T)
SKU #: **P113045**

Parameter	Limit Values
UV Absorbance 210nm(10 % in H ₂ O)	0-0.1
UV Absorbance 300nm(10 % in H ₂ O)	0-0.02
UV Absorbance 230nm(10 % in H ₂ O)	0-0.04
UV Absorbance 500nm(10 % in H ₂ O)	0-0.02
UV Absorbance 220nm(10 % in H ₂ O)	0-0.06
Purity(Neutralization titration)	99.5-100.5 (%)
Appearance (P113045)	Colorless or White Powder or Crystals
Filtration test	corresponds to standard
pKa	6.8
Solubility in H ₂ O , soluble 0.1 g/mL at 25 °C, clear, colorless	pass
test for RP gradient	corresponds to standard
X-Ray Diffraction	Conforms to Structure