

PRODUCT IDENTITY

PRODUCT NAME	Potassium phosphate monobasic	PRODUCT NUMBER	P104075
Grades & Purity	AR, ≥99.5%	VERSION	3
CAS NUMBER	7778-77-0	FORMULA	KH ₂ PO ₄
FORMULA WEIGHT	136.09g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Iron(Fe)	0-0.001 (%)
Sodium(Na)	0-0.02 (%)
PH(5% in water,25°C)	4.2-4.5
Total Nitrogen	0-0.001 (%)
Sulfate(SO ₄ ²⁻)	0-0.003 (%)
Insoluble matter in H ₂ O	0-0.002 (%)
Loss on drying	0-0.2 (%)
(As)Arsenic	0-0.0005 (%)
Heavy metal (as Pb)	0-0.001 (%)
Assay	99.5-100 (%)

PARAMETER	SPECIFICATION / LIMIT
Appearance (P104075)	Colorless or White Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure
Chloride (Cl-)	0-0.001 (%)