

389 – POTASSIUM DIHYDROGEN ORTHOPHOSPHATE, EXTRA PURE

REF NO: TBL/QA/SS/LC/389	STANDARD SPECIFICATION FOR POTASSIUM DIHYDROGEN ORTHOPHOSPHATE, EXTRA PURE	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	7778-77-0
Chemical Formula	KH_2PO_4
Formula weight	136.09
Functional Uses	Potassium Dihydrogen orthophosphate is used as a fertilizer, food additive and buffering agent. It is a common source of phosphorus and potassium and as laboratory reagent.
Standard Packaging	500 gm. , 5 Kg & 50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (10% Soln.)	4.2 – 4.6
Chloride (Cl)	NMT – 0.0005%
Sulphate (SO_4)	NMT – 0.003%
Iron (Fe)	NMT – 0.0005%
Lead (Pb)	NMT – 0.0005%
Arsenic (As)	NMT – 0.0005%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

