

636 – DI-POTASSIUM HYDROGEN ORTHOPHOSPHATE, EXTRA PURE

REF NO: TBL/QA/SS/LC/636	STANDARD SPECIFICATION FOR DI-POTASSIUM HYDROGEN ORTHOPHOSPHATE,EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 27/10/2024
Issue Date: 28/10/2021		Product code: 636

PRODUCT PROPERTIES

C.A.S Number	7758-11-4
Chemical Formula	K ₂ HPO ₄
Formula weight	174.17
Functional Uses	Di-Potassium Hydrogen 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., 5Kg & 50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color fine powder

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% Soln. at 25°C)	8.5 – 9.5
Sodium (Na)	NMT – 0.05%
Sulphate (SO ₄)	NMT – 0.005%
Chloride (Cl)	NMT – 0.003%
Iron (Fe)	NMT – 0.002%
Arsenic (As)	NMT – 0.0001%
Lead (Pb)	NMT – 0.0005%
Assay	NLT – 98.0%

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

