

509 – POTASSIUM HYDROGEN PHTHALATE

REF NO: TBL/QA/SS/LC/509	STANDARD SPECIFICATION FOR POTASSIUM HYDROGEN PHTHALATE	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	877-24-7
Chemical Formula	$C_8H_5KO_4$
Formula weight	204.22
Functional Uses	Potassium phthalate monobasic may be used as a primary standard in acidimetric titration and also to prepare potassium phthalate buffer solution for pH calibration.
Standard Packaging	500 gm. & 50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless crystals or crystalline powder.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulphate (SO ₄)	NMT – 0.0005%
Chloride (Cl)	NMT – 0.002%
Copper (Cu)	NMT – 0.0005%
Iron (Fe)	NMT – 0.0005%
Sodium (Na)	NMT – 0.005%
Loss on Drying	NMT – 0.2%
Assay	NLT – 99.0%

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

