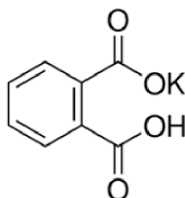


Product Information

POTASSIUM HYDROGEN PHTHALATE 99,5 % AR

Potassium biphthalate, KHP



Product Code	O-5150	Grade	Analytical Reagent
Purity	99,5 %	CAS No	877-24-7
Molecular Formula	C ₈ H ₅ KO ₄	Molecular Weight	204.22 g/mol
H.S.Code	2917.3990	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline solid	Melting point	295 - 300 °C
Colour	White	Relative density	1,571 g/cm ³ at 20 °C
pH value	4	Boliling point	> 300 °C at 977,5 hPa
Solubility in water	93 g/l at 30 °C	Flash point	197,3 °C
Partition coefficient: noctanol/water	log Pow: <= -3,9 at 30 °C		

Packaging

500 gram

Specification

Appearance	White crystalline powder
Assay (perchloric acid titration, on anhydrous basis)	min 99.5 %
Insoluble matter	max 0.005 %
pH (0.05 M solution) at 25 °C	4.00 – 4.02
Loss on drying at 110 °C	max 0.2 %
Chloride (Cl)	max 0.002 %
Phthalic acid	max 0.005 %
Sulphate (SO ₄)	max 0.005 %
Lead (Pb)	max 0.0005 %
Iron (Fe)	max 0.0005 %
Copper (Cu)	max 0.0005 %
Sodium (Na)	max 0.01 %

Safety Information and Hazard Symbols

NO GHS

Symbol: no applicable

Signal Word: no applicable

UN No.: no applicable

IMCO Class No.: no applicable

Packing Group: Ino applicable

Hazardous Statement: no applicable

Precaution Statement: no applicable