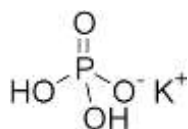


Product Information

POTASSIUM DIHYDROGEN ORTHOPHOSPHATE AR

Potassium phosphate monobasic, Monopotassium phosphate, prim.-Potassium phosphate



Product Code	O-5158	Grade	Analytical Reagent
Purity	99,5 %	CAS No	7778-77-0
Molecular Formula	KH ₂ PO ₄	Molecular Weight	136.09 g/mol
H.S.Code	2835.2400	Shelf Life	60 Months

Physical Properties

Physical state	solid	Density	2,34 g/cm ³
Colour	Odourless	Relative density	2,33 at 21,5 °C
pH	4,2 - 4,6 at 20,0 g/l at 20,0 °C	Solubility in water	208 g/l at 20 °C
Melting point	252,6 °C	Vapour pressure	< 0,1 hPa at 25 °C
Boiling point	450 °C at 1.013 hPa		

Packaging

500 gram

Specification

Appearance	White crystalline powder
Assay (acidimetric on dried subs.)	min 99.5 %
Solubility (10% soln in water)	Clear and colourless
pH (5% soln in water at 25 °C)	4.1 - 4.5
Insoluble matter in water	max 0.01 %
Chloride (Cl)	max 0.001 %
Nitrate (NO ₃)	max 0.001 %
Sulphate (SO ₄)	max 0.005 %
Iron (Fe)	max 0.001 %
Heavy metals (as Pb)	max 0.001 %
Sodium (Na)	max 0.005 %
Loss on drying (105 °C, 2 hrs)	max 0.2 %

Safety Information and Hazard Symbols

NO GHS

Symbol: not available

Signal Word: not available

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: not available

Precaution Statement: not available