

POTASSIUM PHOSPHATE MONOBASIC

Potasu fosforan jednozasadowy



M = 136,09 g/mol

CAS: 7778-77-0

WE: 231-913-4

H: not applicable

P: not applicable

RID/ADR: not applicable UN: not applicable

Physical and chemical properties:

Character:	solid	Explosion limits:	not applicable
Colour:	white	Vapour pressure:	no data
Odor:	odorless	Density:	2,34 g/cm ³ (w 20°C)
pH:	4,1-4,5 (50 g/l H ₂ O, 20°C)	Bulk density:	approx 800 - 1000 kg/m ³
Melting point:	253°C decomposition	Solubility:	
Boiling point:	no data	in water:	27 g/l (25°C)
Auto-ignition temperature:	not applicable	in organic solvents:	no data
Ignition temperature:	not applicable		

potassium phosphate monobasic pure

CHEM*427420201

50 g	100 g	Appearance	colourless crystals
250 g	500 g	Assay	min. 98,0 %
1 kg	5 kg	Loss on drying	max. 1,0 %
10 kg	20 kg	Substances insoluble in water	max. 0,02 %
25 kg		pH (5%, 20°C)	4,2 - 4,6
		Total nitrogen (N)	max. 0,005 %
		Chlorides (Cl)	max. 0,002 %
		Sulfates (SO ₄)	max. 0,01 %
		Heavy metals (as Pb)	max. 0,002 %
		Arsenic (As)	max. 0,0002 %
		Iron (Fe)	max. 0,003 %

potassium phosphate monobasic pure p. a.

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25 g	50 g	Appearance	colourless crystals
100 g	250 g	Assay	min. 99,5 %
500 g	1 kg	Loss on drying	max. 0,2 %
2 kg	5 kg	Substances insoluble in water	max. 0,01 %
10 kg	15 kg	pH (5%, 20°C)	4,3 - 4,6
		Total nitrogen (N)	max. 0,001 %
		Chlorides (Cl)	max. 0,0005 %
		Sulfates (SO ₄)	max. 0,002 %
		Heavy metals (as Pb)	max. 0,001 %
		Arsenic (As)	max. 0,0001 %
		Sodium (Na)	max. 0,02 %
		Iron (Fe)	max. 0,001 %