

Technical data sheet



Product name: **Potassium dihydrogen phosphate**

Grade: **Extra pure**

Chemical formula: KH_2PO_4

Molar mass: 136.09 g/mol

Synonyms: Potassium phosphate monobasic; Phosphoric acid, monopotassium salt; Monobasic pota

General information	
Cas- No.	7778-77-0
Ec-No.	231-913-4
Appearance	Colorless or white solid
Boiling point	N/A
Melting point	~253°C(decomposition)
Flash point	N/A
Spec.density	2.34 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	22 g/l (20°C)
Storage temp	≤+30 ° C
R:	N/A
S:	N/A

Specification	
Assay (dried substance)	98.0-100.5 %
Identity	conforms
Appearance	conforms
Insoluble substance	≤0.2%
Chloride	≤0.02%
Sulfate	≤0.03%
Heavy metals(as pb)	≤0.001%
Loss on drying (130°C)	≤1.0 %
Residual solvents	conforms
Reducing substances	≤0.04%
pH value	~ 4.5 (5%, H ₂ O, 20°C)
Bulk density	~1200 kg/ m ³

Symbol:

packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



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