

Product Datasheet

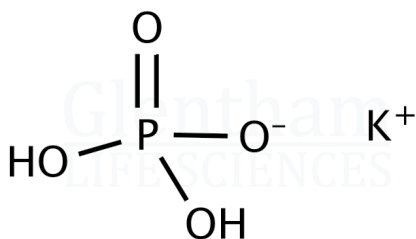
GK8538 - Potassium phosphate monobasic

Product Details

Product Name	Potassium phosphate monobasic
Glentham Code	GK8538
CAS Number	7778-77-0
EINECS	231-913-4
MDL Number	MFCD00011401
PubChem SID	310279145
Related Categories	Buffers, Raw Materials (IVD), Analytical Reagents, Reagents for Gel Electrophoresis of Proteins, Reagents for Northern and Southern Blotting, Inorganics, Metal Salts

Structure

Molecular Weight : 136.09
Molecular Formula : $\text{H}_2\text{KO}_4\text{P}$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product Specification

Physical Description	: White crystalline powder or crystals
Solubility (10% in water)	: Clear, colourless solution
Water Insoluble Matter	: $\leq 0.10\%$
pH (1% in water)	: 4.2 - 4.7
P2O5 Content	: 51.0 - 53.0 %
Loss on Drying	: $\leq 1.0\%$ (105°C)
Assay	: $\geq 99.0\%$ (anhydrous basis)
Version	: v1.1

About Potassium phosphate monobasic

A constituent of phosphate buffered saline. Also used in pH determination, HPLC sample preparation, organic synthesis and nutritional applications.

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