

## Product Datasheet

### GK8538 - Potassium phosphate monobasic

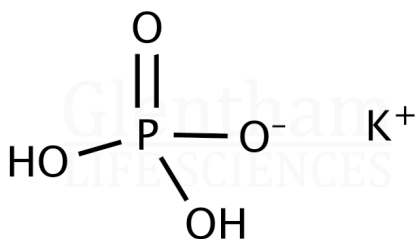
#### Product Details

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 :  $\text{H}_2\text{KO}_4\text{P}$



#### 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.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

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

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