

## Product Datasheet

### GK8538 - Potassium phosphate

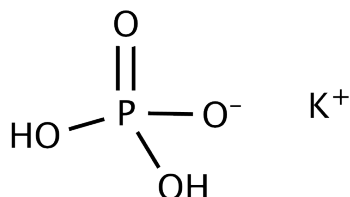
#### monobasic

#### 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 : H<sub>2</sub>KO<sub>4</sub>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	: ≤ 0.10%
pH (1% in water)	: 4.2 - 4.7
P <sub>2</sub> O <sub>5</sub> Content	: 51.0 - 53.0 %
Loss on Drying	: ≤ 1.0% (105°C)
Assay	: ≥ 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.