

## Product Datasheet

### GX7212 - Potassium phosphate

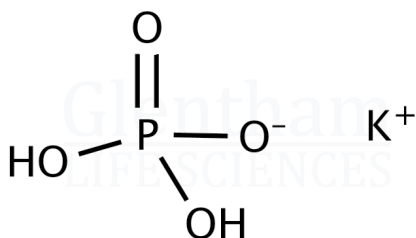
#### monobasic, Ph. Eur. grade

#### Product Details

Product Name	Potassium phosphate monobasic, Ph. Eur. grade
Glentham Code	GX7212
CAS Number	7778-77-0
EINECS	231-913-4
MDL Number	MFCD00011401
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 or almost white crystalline powder or colourless crystals
Identification	: To pass tests
Solubility (10% in water)	: Clear, colourless solution
pH (5% in water)	: 4.2 - 4.5
Reducing Substances	: To pass test
Chlorides	: $\leq 200\text{ppm}$
Sulphates	: $\leq 300\text{ppm}$
Arsenic (As)	: $\leq 1\text{ppm}$
Lead (Pb)	: $\leq 1\text{ppm}$
Cadmium (Cd)	: $\leq 1\text{ppm}$
Iron (Fe)	: $\leq 10\text{ppm}$
Sodium (Na)	: $\leq 0.1\%$
Heavy Metals	: $\leq 10\text{ppm}$
Mercury (Hg)	: $\leq 1\text{ppm}$
Fluoride (F)	: $\leq 10\text{ppm}$
Loss on Drying	: $\leq 2.0\%$ (130°C)
Assay	: 98.0 - 100.5 % (dried substance)
Pharmacopoeia Specification(s)	: Ph. Eur.
Version	: v1.0

#### About Potassium phosphate monobasic, Ph. Eur. grade

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

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