

## Product Datasheet

### GK7412 - di-Potassium hydrogen phosphate, anhydrous, Ph. Eur. grade

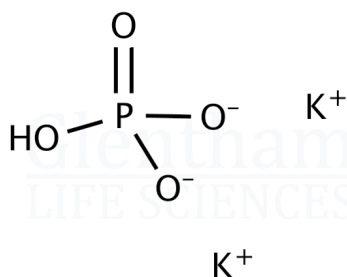
#### Product Details

Product Name	di-Potassium hydrogen phosphate, anhydrous, Ph. Eur. grade
Glentham Code	GK7412
CAS Number	7758-11-4
EINECS	231-834-5
MDL Number	MFCD00011383
Related Categories	Buffers, Inorganics, Metal Salts

#### Structure

Molecular Weight : 174.18

Molecular Formula :  $K_2HPO_4$



#### 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, very hygroscopic
Identification	: A, B, C according to Ph. Eur.
Solubility (10% in water)	: Clear, colourless solution
Reducing Substances	: To pass test
Monopotassium phosphate	: $\leq 2.5\%$
Chlorides	: $\leq 200\text{ppm}$
Sulphates	: $\leq 0.1\%$
Arsenic	: $\leq 2\text{ppm}$
Iron	: $\leq 10\text{ppm}$
Loss on Drying	: $\leq 2.0\%$
Assay	: 98.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	: Ph. Eur.
Version	: v1.2

#### About di-Potassium hydrogen phosphate, anhydrous, Ph. Eur. grade

Dipotassium hydrogen phosphate (dipotassium phosphate) is a commonly used buffering agent and food additive, used as a source of phosphate in a variety of applications including cell culture and food analysis.