

## Product Datasheet

### GX5630 - di-Potassium hydrogen phosphate, anhydrous, ACS grade

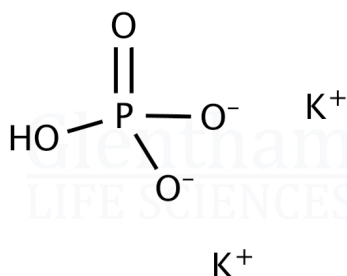
#### Product Details

Product Name	di-Potassium hydrogen phosphate, anhydrous, ACS grade
Glenthams Code	GX5630
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 :  $K_2HPO_4$



Physical Description	: White crystalline powder
Solubility (5% in water)	: Clear, colourless solution
pH (5% in water)	: 8.5 - 9.6
Insoluble Matter	: $\leq 0.01\%$
Loss on Drying	: $\leq 1.0\%$
Chloride (Cl)	: $\leq 0.003\%$
Nitrogen Compounds (as N)	: $\leq 0.001\%$
Sulphate (SO <sub>4</sub> )	: $\leq 0.005\%$
Heavy Metals	: $\leq 5\text{ppm}$
Iron (Fe)	: $\leq 0.001\%$
Sodium (Na)	: $\leq 0.05\%$
Assay	: $\geq 98.0\%$
Grade	: ACS
Version	: v1.0

#### About di-Potassium hydrogen phosphate, anhydrous, ACS 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.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.

Not classified as dangerous for transport.

#### Glenthams Product Specification

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