

Product Datasheet

GK8538 - Potassium phosphate monobasic

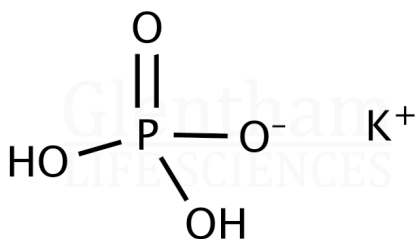
Product Details

| | |
|--------------------|---|
| Product Name | Potassium phosphate monobasic |
| Glentham Code | GK8538 |
| CAS Number | 7778-77-0 |
| EINECS | 231-913-4 |
| Numéro MDL | 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 : $\text{H}_2\text{KO}_4\text{P}$



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 | : $\leq 0.10\%$ |
| 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.

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