

Product Datasheet

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

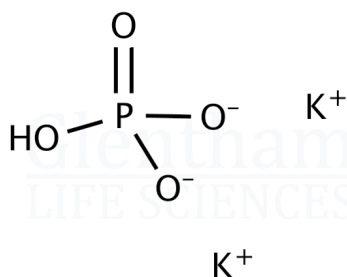
Product Details

| | |
|--------------------|--|
| 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.