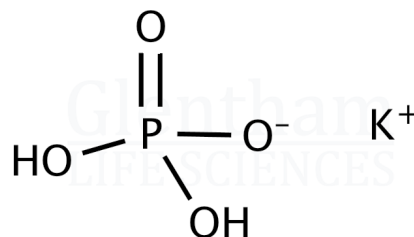


Product Specification

| | |
|-------------------|---|
| Product Name | Potassium phosphate monobasic, Ph. Eur. grade |
| Glenthams Code | GX7212 |
| CAS Number | 7778-77-0 |
| EINECS | 231-913-4 |
| MDL Number | MFCD00011401 |
| Molecular Weight | 136.09 |
| Molecular Formula | $H_2K_2O_4P$ |
| Storage Temp. | +20°C |



| Property | 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 | ≤ 200ppm |
| Sulphates | ≤ 300ppm |
| Arsenic (As) | ≤ 1ppm |
| Lead (Pb) | ≤ 1ppm |
| Cadmium (Cd) | ≤ 1ppm |
| Iron (Fe) | ≤ 10ppm |
| Sodium (Na) | ≤ 0.1% |
| Heavy Metals | ≤ 10ppm |
| Mercury (Hg) | ≤ 1ppm |
| Fluoride (F) | ≤ 10ppm |
| Loss on Drying | ≤ 2.0% (130°C) |
| Assay | 98.0 - 100.5 % (dried substance) |
| Pharmacopoeia Specification(s) | Ph. Eur. |

| | |
|-----------------------|--------------|
| Specification Version | - v1.0 |
| Date Created | - 2017-04-06 |

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025