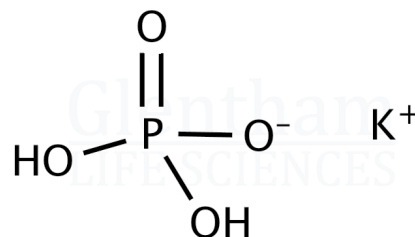


## Certificate of Analysis

|                   |                                               |
|-------------------|-----------------------------------------------|
| Product Name      | Potassium phosphate monobasic, Ph. Eur. grade |
| Glenthams Code    | GX7212                                        |
| CAS Number        | 7778-77-0                                     |
| EINECS            | 231-913-4                                     |
| MDL-Nummer        | MFCD00011401                                  |
| Batch Number      | 027LQY                                        |
| Molecular Weight  | 136.09                                        |
| Molecular Formula | $\text{H}_2\text{KPO}_4$                      |
| Storage Temp.     | +20°C                                         |



| Property                       | Specification                                                   | Batch 027LQY |
|--------------------------------|-----------------------------------------------------------------|--------------|
| Physical Description           | White or almost white crystalline powder or colourless crystals | Entspricht   |
| Identification                 | To pass tests                                                   | Entspricht   |
| Solubility (10% in water)      | Clear, colourless solution                                      | Entspricht   |
| pH (5% in water)               | 4.2 - 4.5                                                       | 4.3          |
| Reducing Substances            | To pass test                                                    | Entspricht   |
| Chlorides                      | ≤ 200ppm                                                        | Entspricht   |
| Sulphates                      | ≤ 300ppm                                                        | Entspricht   |
| Arsenic (As)                   | ≤ 1ppm                                                          | Entspricht   |
| Lead (Pb)                      | ≤ 1ppm                                                          | ≤ 0.5ppm     |
| Cadmium (Cd)                   | ≤ 1ppm                                                          | ≤ 0.5ppm     |
| Iron (Fe)                      | ≤ 10ppm                                                         | 4ppm         |
| Sodium (Na)                    | ≤ 0.1%                                                          | Entspricht   |
| Heavy Metals                   | ≤ 10ppm                                                         | Entspricht   |
| Mercury (Hg)                   | ≤ 1ppm                                                          | Entspricht   |
| Fluoride (F)                   | ≤ 10ppm                                                         | Entspricht   |
| Loss on Drying                 | ≤ 2.0% (130°C)                                                  | ≤ 0.1%       |
| Assay                          | 98.0 - 100.5 % (dried substance)                                | 99.7%        |
| Pharmacopoeia Specification(s) | Ph. Eur.                                                        | Entspricht   |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2021-09-30 |
| Re-Test Date          | 2030-07-25 |

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](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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