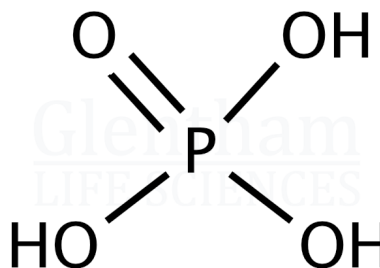


## Certificate of Analysis

|                |                     |
|----------------|---------------------|
| Product Name   | Phosphoric acid 85% |
| Glenthams Code | GK4212              |
| CAS Number     | 7664-38-2           |
| EINECS         | 231-633-2           |
| MDL-Nummer     | MFCD00011340        |
| PubChem SID    | 310278947           |
| Batch Number   | 807VAN              |

|                   |                                 |
|-------------------|---------------------------------|
| Molecular Weight  | 98.00                           |
| Molecular Formula | H <sub>3</sub> O <sub>4</sub> P |
| Storage Temp.     | +20°C                           |



| Property                    | Specification                                   | Batch 807VAN            |
|-----------------------------|-------------------------------------------------|-------------------------|
| Physical Description        | Clear, colourless liquid                        | Entspricht              |
| Content                     | 84.5 - 85.5 % (H <sub>3</sub> PO <sub>4</sub> ) | 85.38%                  |
| Lead (Pb)                   | ≤ 0.5ppm                                        | Entspricht              |
| Arsenic (As)                | ≤ 0.5ppm                                        | Entspricht              |
| Fluorine (F)                | ≤ 10ppm                                         | 2ppm                    |
| Cadmium (Cd)                | ≤ 0.2ppm                                        | Entspricht              |
| Mercury (Hg)                | ≤ 0.05ppm                                       | Entspricht              |
| Heavy Metals (as Pb)        | ≤ 5ppm                                          | Entspricht              |
| Iron (Fe)                   | ≤ 5ppm                                          | 2.9ppm                  |
| Copper (Cu)                 | ≤ 1ppm                                          | Entspricht              |
| Nickel (Ni)                 | ≤ 1ppm                                          | Entspricht              |
| Chlorine (Cl)               | ≤ 10ppm                                         | Entspricht              |
| Sulphate (SO <sub>4</sub> ) | ≤ 350ppm                                        | 79ppm                   |
| Volatile Acids              | ≤ 10ppm (as acetic acid)                        | Entspricht              |
| Nitrates                    | ≤ 5ppm (as NaNO <sub>3</sub> )                  | Entspricht              |
| Density                     | 1.685 - 1.697 g/cm <sup>3</sup> (20°C)          | 1.693 g/cm <sup>3</sup> |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2017-11-01 |
| Re-Test Date          | 2028-01-17 |

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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