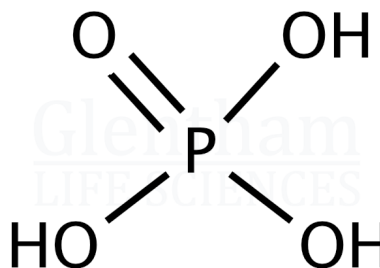


## Product Specification

|                   |                                 |
|-------------------|---------------------------------|
| Product Name      | Phosphoric acid 75%             |
| Glenthams Code    | GK7773                          |
| CAS Number        | 7664-38-2                       |
| EINECS            | 231-633-2                       |
| MDL-Nummer        | MFCD00011340                    |
| PubChem SID       | 310278946                       |
| Molecular Weight  | 98.00                           |
| Molecular Formula | H <sub>3</sub> O <sub>4</sub> P |
| Storage Temp.     | +20°C                           |



| Property                    | Specification                                   |
|-----------------------------|---|
| Physical Description        | Clear, colourless liquid                        |
| Content                     | 74.5 - 75.5 % (H <sub>3</sub> PO <sub>4</sub> ) |
| pH                          | ≤ 1 (20°C )                                     |
| Colour (APHA)               | ≤ 25  |
| Heavy Metals (as Pb)        | ≤ 5ppm  |
| Lead (Pb)                   | ≤ 0.5ppm  |
| Arsenic (As)                | ≤ 0.5ppm  |
| Fluorine (F)                | ≤ 10ppm   |
| Cadmium (Cd)                | ≤ 0.2ppm  |
| Mercury (Hg)                | ≤ 0.05ppm                                       |
| Iron (Fe)                   | ≤ 5.0ppm  |
| Copper (Cu)                 | ≤ 1.0ppm  |
| Nickel (Ni)                 | ≤ 1.0ppm  |
| Chlorine (Cl)               | ≤ 10.0ppm                                       |
| Sulphate (SO <sub>4</sub> ) | ≤ 350ppm  |
| Volatile Acids              | ≤ 10.0ppm (as acetic acid)                      |
| Nitrates                    | ≤ 5ppm (NaNO <sub>3</sub> )                     |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.0       |
| Date Created          | - | 2014-09-09 |

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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