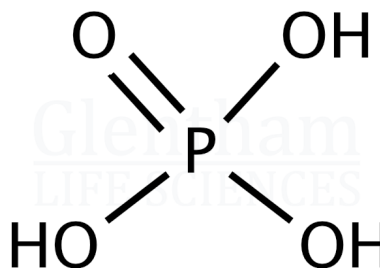


Certificate of Analysis

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

Molecular Weight 98.00
Molecular Formula H_3O_4P
Storage Temp. +20°C



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

Specification Version v1.0
Manufacture Date 2017-11-01
Re-Test Date 2025-01-17

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 or contact us using the details above for the current version of this document.

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