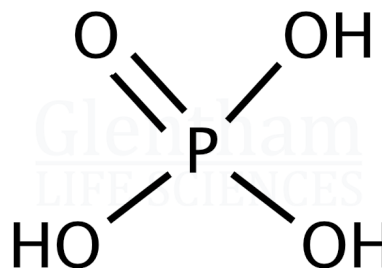


## Certificate of Analysis

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 <sub>3</sub> PO <sub>4</sub> )	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 <sub>4</sub> )	≤ 350ppm	79ppm
Volatile Acids	≤ 10ppm (as acetic acid)	Conforms
Nitrates	≤ 5ppm (as NaNO <sub>3</sub> )	Conforms
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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