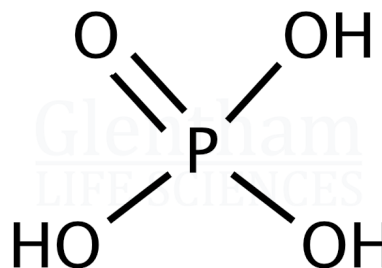


## Certificate of Analysis

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  $\text{H}_3\text{O}_4\text{P}$   
Storage Temp. +20°C



Property	Specification	Batch 807VAN
Physical Description	Clear, colourless liquid	Conforms
Content	84.5 - 85.5 % ( $\text{H}_3\text{PO}_4$ )	85.38%
Lead (Pb)	$\leq 0.5\text{ppm}$	Conforms
Arsenic (As)	$\leq 0.5\text{ppm}$	Conforms
Fluorine (F)	$\leq 10\text{ppm}$	2ppm
Cadmium (Cd)	$\leq 0.2\text{ppm}$	Conforms
Mercury (Hg)	$\leq 0.05\text{ppm}$	Conforms
Heavy Metals (as Pb)	$\leq 5\text{ppm}$	Conforms
Iron (Fe)	$\leq 5\text{ppm}$	2.9ppm
Copper (Cu)	$\leq 1\text{ppm}$	Conforms
Nickel (Ni)	$\leq 1\text{ppm}$	Conforms
Chlorine (Cl)	$\leq 10\text{ppm}$	Conforms
Sulphate ( $\text{SO}_4$ )	$\leq 350\text{ppm}$	79ppm
Volatile Acids	$\leq 10\text{ppm}$ (as acetic acid)	Conforms
Nitrates	$\leq 5\text{ppm}$ (as $\text{NaNO}_3$ )	Conforms
Density	1.685 - 1.697 $\text{g/cm}^3$ (20°C)	1.693 $\text{g/cm}^3$

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

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