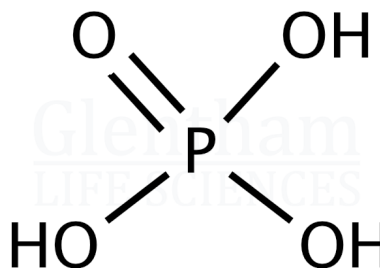


## Product Specification

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

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	84.5 - 85.5 % (H <sub>3</sub> PO <sub>4</sub> )
Lead (Pb)	≤ 0.5ppm
Arsenic (As)	≤ 0.5ppm
Fluorine (F)	≤ 10ppm
Cadmium (Cd)	≤ 0.2ppm
Mercury (Hg)	≤ 0.05ppm
Heavy Metals (as Pb)	≤ 5ppm
Iron (Fe)	≤ 5ppm
Copper (Cu)	≤ 1ppm
Nickel (Ni)	≤ 1ppm
Chlorine (Cl)	≤ 10ppm
Sulphate (SO <sub>4</sub> )	≤ 350ppm
Volatile Acids	≤ 10ppm (as acetic acid)
Nitrates	≤ 5ppm (as NaNO <sub>3</sub> )
Density	1.685 - 1.697 g/cm <sup>3</sup> (20°C)

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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