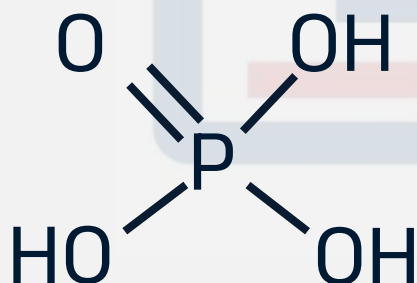




## SPECIFICATION

# PHOSPHORIC ACID

<b>Product Name</b>	Phosphoric acid 85%
<b>Glenthams Code</b>	GK4212
<b>CAS Number</b>	7664-38-2
<b>EINECS</b>	231-633-2
<b>MDL Number</b>	MFCD00011340
<b>PubChem SID</b>	310278947
<b>Molecular Weight</b>	98.00
<b>Molecular Formula</b>	H <sub>3</sub> O <sub>4</sub> P
<b>Storage Temp.</b>	+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



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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, (20°C)

