



# Orthophosphoric acid 85%

Synonyms:

Phosphoric acid

	Classification	Danger
Molecular weight	97.995 ONU	1805
CAS	7664-38-2 Transport hazard class:	8
EEC-N:	231-633-2 Packing	III

**Orthophosphoric acid  
85%**

> RPE - For analysis - ISO - ACS -  
Reag.Ph.Eur. - Reag.USP

**Analytical Grade**

Description	Clear liquid	-
Colour	<= 10	APHA
Density at 20°C	1.689 - 1.701	-
Volatile acids	<= 10	ppm
Insoluble in water	<= 10	ppm
Chloride	<= 1	ppm



**Orthophosphoric acid  
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Fluoride	<= 5	ppm
Heavy metals (as Pb)	<= 5	ppm
Nitrate	<= 3	ppm
Reducing substances	<= 25	ppm
Sulfate	<= 5	ppm
As	<= 0.5	ppm
Ca	<= 20	ppm
Cd	<= 5	ppm
Co	<= 1	ppm
Cu	<= 2	ppm
Fe	<= 5	ppm
K	<= 50	ppm
Mg	<= 10	ppm
Mn	<= 0.5	ppm
Na	<= 250	ppm
Ni	<= 5	ppm
Pb	<= 1	ppm
Sb	<= 4	ppm
Zn	<= 10	ppm
Assay (acidimetric)	85 - 87	%



**Orthophosphoric acid  
85%****> RPE - For analysis - ISO - ACS -  
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Appearance of solution	Conform	Ph.Eur.
Precipitable with NH <sub>4</sub> OH	Conform	Ph.Eur.
Phosphoric-phosphorus acid	Conform	Ph.Eur.
Alkaline phosphates	Conform	USP-NF

ID	Size	Packaging
000000000000406002	1 l	Plastic bottle
406002X6	6 x 1 L	Full box with 6 x 1L plastic bottle
000000000000406003	40 kg	Plastic jerrycan
000000000000406005	2.5 l	Plastic bottle
406005X4	4 x 2,5 L	Full box with 4 x 2.5L plastic bottle



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