

## ortho-Phosphoric acid 85%, RCI Premium

H <sub>3</sub> PO <sub>4</sub>	FW. 98.00	Density 1 L	= 1.71 Kg.
CAS-No.	7664-38-2	Melting Point	21 °C
Code	<a href="#">RP1152</a>	Boiling Point	158 °C

### Specifications

(Meet A.C.S. Specifications)

Assay (by acidimetry)	85%	min.
Appearance of solution	Clear	
Color (APHA)	10	max.
Identity	Passes test	
Insoluble matter	0.001%	max.
Reducing substances	Passes test	
Volatile acids (as CH <sub>3</sub> COOH)	0.001%	max.
Chloride (Cl)	0.0002%	max.
Nitrate (NO <sub>3</sub> )	0.0003%	max.
Sulfate (SO <sub>4</sub> )	0.002%	max.
Heavy metals (as Pb)	0.001%	max.
Aluminium (Al)	0.0005%	max.
Arsenic (As)	0.00005%	max.
Antimony (Sb)	0.0005%	max.
Barium (Ba)	0.00005%	max.
Beryllium (Be)	0.00001%	max.
Bismuth (Bi)	0.00001%	max.
Cadmium (Cd)	0.00005%	max.
Calcium (Ca)	0.002%	max.
Chromium (Cr)	0.0005%	max.
Cobalt (Co)	0.00005%	max.
Copper (Cu)	0.00005%	max.
Gallium (Ga)	0.00001%	max.
Germanium (Ge)	0.00001%	max.
Gold (Au)	0.00001%	max.
Iron (Fe)	0.001%	max.
Lead (Pb)	0.00005%	max.
Lithium (Li)	0.00001%	max.
Magnesium (Mg)	0.0005%	max.
Manganese (Mn)	0.00005%	max.
Molybdenum (Mo)	0.0001%	max.
Mercury (Hg)	0.00001%	max.
Nickel (Ni)	0.0001%	max.
Platinum (Pt)	0.00001%	max.
Potassium (K)	0.0005%	max.
Silver (Ag)	0.00001%	max.
Sodium (Na)	0.01%	max.
Strontium (Sr)	0.00001%	max.
Thallium (Tl)	0.00005%	max.
Tin (Sn)	0.00001%	max.
Vanadium (V)	0.00001%	max.
Zinc (Zn)	0.0002%	max.
Zirconium (Zr)	0.0001%	max.

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