

### Orthophosphoric acid 85% AnalaR NORMAPUR® ACS, Reag. Ph. Eur. analytical reagent

Assay ..... Min. 85.0 %  
 Hypophosphorous and phosphorous acids Passes test Ph. Eur.  
 Identification B ..... Passes test Ph. Eur.  
 Colouration ..... Max. 10 APHA  
 Volatile acids ..... Max. 0.0002 meq/g  
 Insoluble substances ..... Max. 10 ppm  
 Substances reducing KMnO<sub>4</sub> (as O) ... Max. 10 ppm  
 Cl (Chloride) ..... Max. 2 ppm  
 NO<sub>2</sub> (Nitrite) ..... Max. 0.05 ppm  
 SO<sub>4</sub> (Sulphate) ..... Max. 30 ppm  
 Ca (Calcium) ..... Max. 20 ppm  
 Co (Cobalt) ..... Max. 1 ppm  
 Fe (Iron) ..... Max. 5 ppm  
 Mg (Magnesium) ..... Max. 10 ppm  
 Na (Sodium) ..... Max. 0.025 %  
 Pb (Lead) ..... Max. 1 ppm  
 Zn (Zinc) ..... Max. 2 ppm  
 Conforms to ACS ..... Passes test

Appearance of solution S ..... Passes test Ph. Eur.  
 Identification A ..... Passes test Ph. Eur.  
 Substances precipitated with ammonia . Passes test Ph. Eur.  
 Density (20/4) ..... 1.680 to 1.710  
 Heavy metals (as Pb) ..... Max. 5 ppm  
 Reducing substances (as H<sub>2</sub>PO<sub>3</sub>) ..... Max. 50 ppm  
 Silica ..... Max. 0.025 %  
 F (Fluoride) ..... Max. 1 ppm  
 NO<sub>3</sub> (Nitrate) ..... Max. 5 ppm  
 As (Arsenic) ..... Max. 0.5 ppm  
 Cd (Cadmium) ..... Max. 1 ppm  
 Cu (Copper) ..... Max. 1 ppm  
 K (Potassium) ..... Max. 5 ppm  
 Mn (Manganese) ..... Max. 0.5 ppm  
 Ni (Nickel) ..... Max. 1 ppm  
 Sb (Antimony) ..... Max. 5 ppm  
 Conforms to BDH 10173 ..... Passes test  
 Conforms to Reag. Ph.Eur. .... Passes test

Cat. No.	Pk	Pack type
20624.262	500 ml	Glass bottle
20624.295	1 l	Glass bottle
20624.320	2,5 l	Glass bottle SAFEBREAK
20624.330	2,5 l	Plastic bottle
20624.420	2,5 l	Glass bottle

### Orthophosphoric acid 85% Ph. Eur.

Assay ..... 84.0 to 90.0 %  
 Appearance ..... Passes test  
 Identification A ..... Passes test  
 Identification B ..... Passes test  
 Solution S ..... Passes test  
 Appearance of solution ..... Passes test  
 Substances precipitated with ammonia ..... Passes test  
 Hypophosphorous and phosphorous acids ..... Passes test  
 Cl (Chloride) ..... Max. 50 ppm  
 SO<sub>4</sub> (Sulphate) ..... Max. 100 ppm  
 As (Arsenic) ..... Max. 2 ppm  
 Fe (Iron) ..... Max. 50 ppm  
 Heavy metals (as Pb) ..... Max. 10 ppm  
 Residual solvents ..... Passes test

Cat. No.	Pk	Pack type
20626.292	1 l	Glass bottle
20626.361	5 l	Plastic container
20626.463	25 l	Plastic drum

### Orthophosphoric acid 85% GPR RECTAPUR®

Assay ..... 85 to 87 %  
 Density (20/4) ..... 1.680 to 1.710  
 Heavy metals (as Pb) ..... Max. 10 ppm  
 Cl (Chloride) ..... Max. 5 ppm  
 NO<sub>3</sub> (Nitrate) ..... Max. 10 ppm  
 PO<sub>3</sub> + PO<sub>4</sub> (as H<sub>2</sub>PO<sub>3</sub>) ..... Max. 0.02 %  
 SO<sub>4</sub> (Sulphate) ..... Max. 50 ppm  
 Ca + Mg (as Ca) ..... Max. 100 ppm  
 Fe (Iron) ..... Max. 50 ppm  
 Conforms to BDH 29420 ..... Passes test

Cat. No.	Pk	Pack type
20621.295	1 l	Glass bottle
20621.320	2,5 l	Glass bottle SAFEBREAK
20621.330	2,5 l	Plastic bottle
20621.364	5 l	Plastic bottle
20621.460	25 l	Plastic drum

### Orthophosphoric acid 85% TECHNICAL

Assay ..... Min. 85 %

Cat. No.	Pk	Pack type
90045.5000	5 l	Plastic container

### Orthophosphoric acid 85% VLSI Selectipur® for the electronics industry

Cat. No.	Pk	Pack type
51151401.	2,5 l	Plastic bottle

This product is not available in all countries. Please check with your local VWR International office or supplier.

### Orthophosphoric acid (25 - < 85%)

Phosphoric acid 50%

#### Danger

H314

P280 P301+P330+P331 P305+P351+P338  
 P309+P310

CAS 7664-38-2

Index 015-011-00-6

EINECS: 231-633-2

UN: 1805

ADR 8,III

H<sub>3</sub>PO<sub>4</sub>

Density: 1.5 to 1.8 g/cm<sup>3</sup> (20 °C)

Storage Temperature: Ambient temperature



### Orthophosphoric acid 75% GPR RECTAPUR®

Assay ..... 75 to 78 %  
 Density (20/4) ..... 1.580 to 1.610  
 Heavy metals (as Pb) ..... Max. 20 ppm  
 Cl (Chloride) ..... Max. 10 ppm  
 SO<sub>4</sub> (Sulphate) ..... Max. 0.02 %  
 Fe (Iron) ..... Max. 50 ppm

Cat. No.	Pk	Pack type
20623.292	1 l	Glass bottle
20623.361	5 l	Plastic bottle

### Orthophosphoric acid 25% TECHNICAL

Assay ..... 24 to 26 %

Cat. No.	Pk	Pack type
20629.463	25 l	Plastic drum

### Orthophosphoric acid (10 - < 25%)

Phosphoric acid 20%

#### Warning

H319 H315

P280 P302+P352 P305+P351+P338

CAS 7664-38-2

Index 015-011-00-6

EINECS: 231-633-2

UN: 1805

ADR 8,III

H<sub>3</sub>PO<sub>4</sub>

Density: ~ 1.1 g/cm<sup>3</sup> (20 °C)

Storage Temperature: Ambient temperature



### Orthophosphoric acid 10% Reag. Ph. Eur. 1065101

Cat. No.	Pk	Pack type
87895.180	100 ml	Plastic bottle

Supplied with certificate of analysis. Normally manufactured to order. Please check with customer services.

### Orthophosphoric acid 10% TECHNICAL

Assay ..... Min. 10 %  
 Appearance ..... Clear colourless liquid

Cat. No.	Pk	Pack type
31142.294	1 l	Plastic bottle