

P | Phosphorus standard solution

NEW Phosphorus standard solution, 1,000 mg/l P in water AVS TITRINORM® standard for AAS

Cat. No.	Pk	Pack type
86698.180	100 ml	Plastic bottle
86698.260	500 ml	Plastic bottle

Supplied with certificate of analysis.

di-Phosphorus pentoxide

Phosphorus pentoxide , Phosphoric anhydride

Danger

H314
P280 P301+P330+P331 P305+P351+P338
P309+P310

CAS 1314-56-3

Index 015-010-00-0

EINECS: 215-236-1

UN: 1807

ADR 8,II

P₂O₅

M.W. 141.95 g/mol

Density: 2.253 g/cm³ (20 °C)

Melting Pt: 562 °C

Storage Temperature: Ambient temperature



di-Phosphorus pentoxide AnalR NORMAPUR® analytical reagent

Assay.....	Min. 98.0 %	Insolubility in water	Max. 50 ppm
Reducing substances (as P ₂ O ₅)	Max. 0.02 %	Total N (Nitrogen)	Max. 10 ppm
Cl (Chloride)	Max. 10 ppm	SO ₄ (Sulphate).....	Max. 50 ppm
As (Arsenic).....	Max. 150 ppm	Cd (Cadmium).....	Max. 5 ppm
Cu (Copper).....	Max. 20 ppm	Fe (Iron).....	Max. 10 ppm
K (Potassium).....	Max. 100 ppm	Mn (Manganese)	Max. 5 ppm
Na (Sodium).....	Max. 0.02 %	Ni (Nickel)	Max. 20 ppm
Pb (Lead).....	Max. 10 ppm	Zn (Zinc).....	Max. 20 ppm

Cat. No.	Pk	Pack type
21411.230	250 g	Plastic bottle for solids
21411.296	1 kg	Plastic bottle for solids

di-Phosphorus pentoxide TECHNICAL

Assay..... Min. 98.0 %

Cat. No.	Pk	Pack type
21410.293	1 kg	Plastic bottle for solids

Phosphoryl trichloride

Phosphorus (V) oxide chloride , Phosphorus oxychloride

Danger

H330 H372 H302 H314
EUH014 EUH029
P280 P284 P301+P330+P331 P304+P340 P309+P310

CAS 10025-87-3

Index 015-009-00-5

EINECS: 233-046-7

UN: 1810

ADR 8,I

POCl₃

M.W. 153.33 g/mol

Density: 1.645 g/cm³ (20 °C)

Boiling Pt: 107 °C (1013 hPa)

Melting Pt: 1 °C

Storage Temperature: Ambient temperature



Phosphoryl trichloride FO Optipur® for the electronics industry

Cat. No.	Pk	Pack type
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This product is not available in all countries. Please check with your local VWR International office or supplier.

Phosphotungstic acid hydrate

Dodecawolframophosphoric acid hydrate , Wolframophosphoric acid hydrate , Phosphotungstic acid hydrate , 12-Tungstophosphate hydrate

Danger

H314
P280 P301+P330+P331 P305+P351+P338
P309+P310

CAS 12501-23-4

EINECS: 215-682-7

UN: 3260

ADR 8,III

H₃[P(W₃O₁₀)₄].nH₂O

M.W. 2880.17 g/mol

Melting Pt: 107 °C



Phosphotungstic acid hydrate AnalR NORMAPUR® analytical reagent sodium free

Loss on ignition (750°C).....	Max. 17 %	Total N (Nitrogen)	Max. 20 ppm
Cl (Chloride)	Max. 50 ppm	SO ₄ (Sulphate).....	Max. 100 ppm
Cu (Copper).....	Max. 10 ppm	Fe (Iron).....	Max. 20 ppm
K (Potassium).....	Max. 0.02 %	Na (Sodium).....	Max. 0.02 %
Pb (Lead).....	Max. 20 ppm		

Cat. No.	Pk	Pack type
20636.183	100 g	Plastic bottle for solids

Phosphotungstic acid in orthophosphoric acid (10 - 25%)

Danger

H314
P280 P301+P330+P331 P305+P351+P338
P309+P310

CAS 1343-93-7

EINECS: 215-682-7

UN: 3264

ADR 8,III

H₃[P(W₃O₁₀)₄]

M.W. 2880.05 g/mol



Phosphotungstic acid 22% in orthophosphoric acid 11% Reag. Ph. Eur. 1065200

Cat. No.	Pk	Pack type
87896.180	100 ml	Plastic bottle

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

Phthalic acid bis(2-ethylhexyl) ester

See Bis(2-ethylhexyl) phthalate p.67

Phthalic acid dibutyl ester

See Dibutyl phthalate p.140

Phthalic acid diethyl ester

See Diethyl phthalate p.146

Phthalic acid potassium salt

See Potassium hydrogen phthalate..... p.379

Picric acid in aqueous solution

EUH001

CAS 88-89-1

EINECS: 201-865-9

(O₂N)₃C₆H₂OH