

# European Pharmacopoeia solutions



Reagent manufactures numerous Ph.Eur compliant solutions for use in quality control, production and identification. These products include buffers, stabilizers, identification reagents, controls, calibrators, standards, and indicators. You may find the pharmacopoeia compliant product of your choice from Reagent product catalogue or use our custom manufacturing resources for special requirements.

Product	Packaging size	Ref. number
<b>0.05 M Phosphate buffer solution pH 7.0</b> Ph.Eur. 4012400	1000 ml	182346
<b>0.1 M Phosphate buffer solution pH 8.0</b> Ph.Eur. 4008400	1000 ml	182345
<b>0.0167 M Potassium bromate</b> Ph.Eur. 3004400 Volumetric solution	500 ml	170914
<b>0.05 M Iodine</b> Ph.Eur. 3002700 Volumetric solution	500 ml	170898
<b>0.1 M Perchloric acid</b> Ph.Eur. 3003900. Volumetric solution. H2O 0.1 - 0.2 per cent m/m	500 ml	172094
<b>0.1 M Potassium hydroxide</b> Ph.Eur. 3004800 Volumetric solution	500 ml	170895
<b>0.1 M Silver nitrate</b> Ph.Eur. 3005600 Volumetric solution	500 ml	170961
<b>0.1 M Sodium hydroxide, ethanolic</b> Ph.Eur. 3007000 Volumetric solution	500 ml	170579
<b>Acetate buffer solution pH 4.5</b> Reagents according to Ph.Eur.	500 ml	172171
<b>Acetate buffer solution pH 4.6 R</b> Ph.Eur. 4001400	500 ml	170016
<b>Acetic acid R</b> Ph.Eur. 1000401 5 M, approx. 30.0 per cent m/V	500 ml	170902
<b>Acetic acid, dilute R</b> Ph.Eur. 1000402 2 M, approx. 12.0 per cent m/V	500 ml	170083
<b>Acetic acid, glacial R</b> Reagents according to Ph.Eur.	500 ml	170667
<b>Ammonia R</b> Ph.Eur. 1004701 Approx. 10.3 M, 17.0-18.0 per cent m/V	50 ml 500 ml	130903 170903
<b>Ammonia solution 5.0 mol/l</b> Reagents according to Ph.Eur. 8.5 m/V	500 ml	170007

Product	Packaging size	Ref. number
<b>Ammonia, dilute R1</b> Ph.Eur. 1004702 Approx. 6 M, 10.0-10.4 per cent m/V	50 ml 500 ml	130458 170458
<b>Ammonia, dilute R2</b> Ph.Eur. 1004703 Approx. 2 M, 3.4 per cent m/V	50 ml 500 ml	130904 170904
<b>Ammonium carbonate solution R</b> Ph.Eur. 1005201 Approx. 1 M, 15.8 per cent m/V	500 ml	170461
<b>Ammonium chloride buffer solution</b> Reagents according to Ph.Eur.	500 ml	170555
<b>Ammonium chloride solution R</b> Ph.Eur. 1005301 Approx. 2 M, 10.7 per cent m/V	50 ml	130901
<b>Ammonium oxalate solution R</b> Ph.Eur. 1005901 4.0 per cent m/V	50 ml	130463
<b>Ammonium standard solution 250 ppm NH4</b> For preparation of Ammonium standard solution (2.5 ppm NH4), Ph.Eur. 5000301	50 ml	143464
<b>Barium chloride 25.0 per cent m/V</b> Reagents according to Ph.Eur.	50 ml	132002
<b>Barium chloride solution R1</b> Ph.Eur. 1009301	50 ml	130466
<b>Barium hydroxide solution R</b> Ph.Eur. 1009401 0.15 M, 4.73 per cent m/V	50 ml	130809
<b>Bentzenonium chloride 0.004 M</b> Ph.Eur. 3000900 Volumetric solution	500 ml	170994
<b>Blue primary solution</b> Ph.Eur. 2.2.2. Degree of coloration of liquids. Primary solutions. Blue primary solution.	100 ml	140558
<b>Bromine water R</b> Ph.Eur. 1012402 0.2 M	50 ml	130034
<b>Bromothymol blue solution R1</b> Ph.Eur. 1012901	50 ml	130470
<b>Bromocresol green solution R</b> Ph.Eur. 1012601	50 ml	130469
<b>Bromophenol blue solution R</b> Ph.Eur. 1012801	50 ml	130568
<b>Bromophenol blue solution R2</b> Ph.Eur. 1012902	50 ml	132004
<b>Bromothymol blue solution R3</b> Ph.Eur. 1012903	50 ml	130471

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Product	Packaging size	Ref. number
<b>Buffer solution pH 3.5 R</b> Ph.Eur. 4000600	500 ml	170554
<b>Calcium standard solution 1000 ppm Ca</b> For Calcium standard solution (100 ppm Ca) Ph.Eur. 5000801	50 ml	130494
<b>Calcium chloride solution R</b> Ph.Eur. 1014601 5.5 per cent m/V calcium chloride	50 ml	132176
<b>Chloride standard solution 500 ppm</b> For Chloride standard solution 5 ppm Cl Ph.Eur. 5000901	50 ml	130498
<b>Citric acid 20.0 per cent m/V</b> Reagents according to Ph.Eur.	50 ml	130948
<b>Copper citrate solution R</b> Ph.Eur. 1023100	50 ml	132275
<b>Copper sulphate solution R</b> Ph.Eur. 1022501 12.5 per cent m/V	50 ml	132178
<b>Copper tetrammine, ammoniacal solution of R</b> Ph.Eur. 1022600	100 ml	140817
<b>Crystal violet solution R</b> Ph.Eur. 1022901	50 ml	130499
<b>Cupri-tartaric solution R, solution I</b> Ph.Eur. 1023300	50 ml	130536
<b>Cupri-tartaric solution R, solution II</b> Ph.Eur. 1023300	50 ml	130537
<b>Decolorized pararosaniline solution R</b> Ph.Eur. 1062201	50 ml	132089
<b>Dilute buffer solution pH 1.2</b> Reagents according to Ph.Eur.	10 000 ml	110635
<b>Dilute buffer solution pH 7.5</b> Reagents according to Ph.Eur.	10 000 ml	110643
<b>Dimidium bromide-sulphan blue mixed solution R</b> Ph. Eur. 1031101	50 ml	132051
<b>Diphenylamine solution R</b> Ph.Eur. 1032101 0.1 per cent m/V	50 ml	130570
<b>Disodium hydrogen phosphate solution R</b> Ph.Eur. 1033301 9.0 per cent m/V	50 ml	130973
<b>Ferric ammonium sulphate solution R2</b> Ph.Eur. 1037702 Approx. 0.25 M, 10.0 per cent m/V	100 ml	140476
<b>Ferric chloride solution R1</b> Ph.Eur. 1037801 10.5 per cent m/V	50 ml	130477
<b>Ferric chloride solution R2</b> Ph.Eur. 1037802 1.3 per cent m/V	50 ml	130478

Product	Packaging size	Ref. number
<b>Ferroin R</b> Ph.Eur. 1038100	50 ml	130479
<b>Fuchsin solution, decolorised R1</b> Ph.Eur. 1039402	50 ml	130827
<b>Glycerol mixture for thioacetamide reagent R</b> Ph.Eur. 1089601	50 ml	130481
<b>Hexamethylenetetramine solution</b> Ph.Eur. 2.2.1. Clarity and degree of opalescence of liquids	100 ml	140971
<b>Hydrazine sulfate solution</b> Ph.Eur. 2.2.1. Clarity and degree of opalescence of liquids	100 ml	140972
<b>Hydrochloric acid 0,1 M</b> Ph.Eur. 3002100 Volumetric solution. 0.37 per cent	500 ml 10 000 ml	170170 110170
<b>Hydrochloric acid 0,1 mol/l 0.1 per cent SDS</b> Reagents according to Ph.Eur.	10 000 ml	110654
<b>Hydrochloric acid 0,1 mol/l 2.0 per cent SDS</b> Reagents according to Ph.Eur.	10 000 ml	110658
<b>Hydrochloric acid 1 M</b> Ph.Eur. 3001800 3.65 per cent	500 ml	170172
<b>Hydrochloric acid 1.0 per cent m/V</b> Reagents according to Ph.Eur. 0.28 M	500 ml	170496
<b>Hydrochloric acid 5.0 M</b> Reagents according to Ph.Eur.	500 ml	170174
<b>Hydrochloric acid 6 M</b> Ph.Eur. 3001500 21.9 per cent	500 ml	170175
<b>Hydrochloric acid R1</b> Ph.Eur. 1043501 25.0 per cent m/V, 6.855 M	500 ml	170177
<b>Hydrochloric acid, dilute R</b> Ph.Eur. 1043503 2.0 M, 7.3 per cent m/V	500 ml 10 000 ml	170173 110173
<b>Hydrochlorid acid 0.01 M</b> Reagents according to Ph.Eur.	10 000 ml	112411
<b>Hydrochlorid acid 0.02 M</b> Reagents according to Ph.Eur.	10 000 ml	112412
<b>Hydrochlorid acid 0.5 M</b> Reagents according to Ph.Eur. Volumetric solution	500 ml	170954
<b>Hydrochlorid acid 10.0 per cent m/m</b> Reagents according to Ph.Eur. Approx. 2.9 M	500 ml	170497
<b>Hydrogen peroxide solution 6.0 per cent m/V</b> Reagents according to Ph.Eur. Contains stabilizer	50 ml	132047

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Product	Packaging size	Ref. number
<b>Hydrogen peroxide solution, dilute 3 per cent m/m</b> Reagents according to Ph.Eur. Contains stabilizer	50 ml	132025
<b>Iodine bromide solution R</b> Ph.Eur. 1045901	500 ml	170704
<b>Iron standard solution 200 ppm Fe</b> For Iron standard solution (20 ppm Fe) Ph. Eur. 5001600	50 ml	130557
<b>Lead acetate paper R</b> Ph.Eur. 1048102 2 g/ vial	100 ml	142017
<b>Lead acetate solution R</b> Ph.Eur. 1048103 9.5 per cent m/V, 0.25 M	50 ml	130746
<b>Lead nitrate 0.1 M</b> Ph.Eur. 3003100 Volumetric solution	500 ml	170710
<b>Lead standard solution 0.1 per cent Pb R</b> Ph.Eur. 5001700 Lead standard solution (0.1 per cent Pb), 1000 ppm Pb	50 ml	130539
<b>Magnesium standard solution 0.1 per cent Mg</b> Ph.Eur. 5001803	50 ml	130540
<b>Magnesium sulfate 25 per cent in dilute sulfuric acid</b> Reagents according to Ph.Eur.	500 ml	172026
<b>Mandel's reagent</b> Reagents according to Ph.Eur.	30 ml	122136
<b>Mercuric acetate solution R</b> Ph.Eur. 1052001 3.19 per cent m/V	500 ml	170541
<b>Mercuric chloride solution R</b> Ph.Eur. 1052201 5.4 per cent m/V	50 ml	130970
<b>Methyl orange solution R</b> Ph.Eur. 1054802 0.1 per cent m/V	50 ml	130544
<b>Methyl red mixed solution R</b> Ph.Eur. 1055101	50 ml	130546
<b>Methyl red solution R</b> Ph.Eur. 1055102 0.05 per cent m/V	50 ml	130545
<b>Ninhydrin solution R2</b> Ph.Eur. 1058305	50 ml	132048
<b>Nitrate standard solution 1000 ppm (NO<sub>3</sub>)</b> For Nitrate standard solution (100 ppm NO <sub>3</sub> ) Ph. Eur. 5002100	50 ml	130549

Product	Packaging size	Ref. number
<b>Nitric acid 5 M</b> Reagents according to Ph.Eur. 31.5 per cent m/V, 5 N	500 ml	170382
<b>Nitric acid, dilute R</b> Ph.Eur. 1058402 2.0 M, 12.5 per cent m/V = 2 N	500 ml	170384
<b>Phenol red solution R</b> Ph.Eur. 1063601 0.1 per cent m/V	50 ml	130475
<b>Phenol red solution R2</b> Ph.Eur. 1063603	50 ml	130823
<b>Phenolphthalein solution R</b> Ph.Eur. 1063702	50 ml	130474
<b>Phenolphthalein solution R1</b> Ph.Eur. 1063703	50 ml	130572
<b>Phosphate buffer pH 2.3</b> Reagents according to Ph.Eur.	10 000 ml	110607
<b>Phosphate buffer pH 2.1</b> Reagents according to Ph.Eur.	10 000 ml	110606
<b>Phosphate buffer pH 3.0 10 mM</b> Reagents according to Ph.Eur.	5000 ml	192361
<b>Phosphate buffer pH 7.4 10 mM</b> Reagents according to Ph.Eur.	5000 ml	192362
<b>Phosphate buffer solution pH 6.8 + 1 per cent SLS</b> Ph.Eur. 4003300 + 1 per cent SLS	10 000 ml	112372
<b>Phosphate buffer solution pH 6.8 + 1.5 per cent SLS</b> Ph.Eur. 4003300 + 1.5 per cent SLS	10 000 ml	112363
<b>Phosphate buffer solution pH 6.8 + 2.5 per cent SLS</b> Ph.Eur. 4003300 + 2.5 per cent SLS	10 000 ml	112377
<b>Phosphate buffer solution pH 6.8 R</b> Ph.Eur. 4003300	10 000 ml	110617
<b>Phosphate standard solution 500 ppm PO<sub>4</sub></b> For Phosphate standard solution 5 ppm PO <sub>4</sub> Ph. Eur. 5002200	50 ml	130575
<b>Phosphoric acid, dilute R</b> Ph.Eur. 1065101 9.5 - 10.5 per cent m/m.	500 ml	170694
<b>Potassium bromide 10.0 per cent m/V</b> Reagents according to Ph.Eur.	50 ml	132007
<b>Potassium carbonate solution 15.0 per cent m/V</b> Reagents according to Ph.Eur.	50 ml	130953
<b>Potassium chloride 10 per cent m/V</b> Reagents according to Ph.Eur.	500 ml	170980

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Product	Packaging size	Ref. number
<b>Potassium ferrocyanide solution R</b> Ph.Eur. 1069801 5.3 per cent m/V	50 ml	130705
<b>Potassium hydroxide 0.5 M</b> Reagents according to Ph.Eur. 2.8 per cent m/V	500 ml	170152
<b>Potassium hydroxide 1.0 M</b> Reagents according to Ph.Eur.	500 ml	170675
<b>Potassium hydroxide 2 M</b> Reagents according to Ph.Eur. 11.2 per cent m/V	50 ml	130151
<b>Potassium iodide 10.0 per cent m/V</b> Reagents according to Ph.Eur. 0.7 M	500 ml	170735
<b>Potassium iodide solution R</b> Ph.Eur. 1070502 16.6 per cent m/V	1000 ml	180937
<b>Potassium iodide solution, iodinated R</b> Ph.Eur. 1070503	50 ml 500 ml	132011 172011
<b>Potassium permanganate 0.02 M</b> Ph.Eur. 3005300	500 ml	170161
<b>Potassium permanganate solution R</b> Ph.Eur. 1070902 3.0 per cent m/V	30 ml	122038
<b>Potassium pyroantimonate solution R</b> Ph.Eur. 1071301	50 ml	130707
<b>Potassium thiocyanate solution R</b> Ph.Eur. 1071801 9.7 per cent m/V	50 ml	130489
<b>Red primary solution</b> Ph.Eur. 2.2.2. Degree of coloration of liquids. Primary solutions. Red solution.	100 ml	140552
<b>Silver nitrate solution R1</b> Ph.Eur. 1078301 4.25 per cent m/V	50 ml	130482
<b>Silver nitrate solution R2</b> Ph.Eur. 1078302 0.1 M, 1.7 per cent m/V	50 ml	132031
<b>Sodium carbonate solution R</b> Ph.Eur. 1079301 1.0 M, 10.6 per cent m/V	50 ml	130264
<b>Sodium dodecyl sulfate 0.3 per cent m/V</b> Reagents according to Ph.Eur.	10 000 ml	110800

Product	Packaging size	Ref. number
<b>Sodium dodecyl sulfate 0.5 per cent m/V</b> Reagents according to Ph.Eur.	10 000 ml	110822
<b>Sodium dodecyl sulfate 2 per cent m/V</b> Reagents according to Ph.Eur.	10 000 ml	110820
<b>Sodium edetate 0.05 M</b> Reagents according to Ph.Eur.	500 ml	170910
<b>Sodium edetate 0.1 M</b> Ph.Eur. 3005900 Volumetric solution	500 ml	170563
<b>Sodium hydroxide 0.1 M</b> Ph.Eur. 3006600 0.4 per cent	500 ml	170241
<b>Sodium hydroxide 0.2 M</b> Reagents according to Ph.Eur. 2.0 per cent	500 ml	172066
<b>Sodium hydroxide 0.5 M</b> Reagents according to Ph.Eur.	500 ml	170955
<b>Sodium hydroxide 1 M</b> Ph.Eur. 3006300 4.0 per cent	500 ml	170247
<b>Sodium hydroxide 2.5 mM</b> Reagents according to Ph.Eur. 10.0 per cent	500 ml	170256
<b>Sodium hydroxide solution</b> Reagents according to Ph.Eur. 6.25 M	500 ml	170257
<b>Sodium hydroxide solution</b> Reagents according to Ph.Eur.	500 ml	170259
<b>Sodium hydroxide solution 2 M</b> Reagents according to Ph.Eur. 8.0 per cent	500 ml	170248
<b>Sodium hydroxide solution R</b> Ph.Eur. 1081401 5.0 M, 20.0 per cent m/V	500 ml	170251
<b>Sodium hydroxide solution, strong R</b> Ph.Eur. 1081404 Approx. 10.5 M, 42 per cent m/V	500 ml	172095
<b>Sodium thiosulphate 0.1 M</b> Ph.Eur. 3007300 Volumetric solution	500 ml	170278
<b>Starch solution R</b> Ph.Eur. 1085103	50 ml	130390

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Product	Packaging size	Ref. number
<b>Sulfuric acid 0.025 M</b> Reagents according to Ph.Eur. 0.05 N	500 ml	170003
<b>Sulfuric acid 0.05 M</b> Ph.Eur. 3008000 0.1 N	500 ml	170320
<b>Sulfuric acid 0.5 M</b> Ph.Eur. 3007800	500 ml	170325
<b>Sulfuric acid 2 M</b> Reagents according to Ph.Eur. 19.6 per cent, 4N	500 ml	170687
<b>Sulfuric acid 2.5 M</b> Reagents according to Ph.Eur. 5N	500 ml	170326
<b>Sulfuric acid 3.5 M</b> Reagents according to Ph.Eur. 7 N	500 ml	170976
<b>Sulfuric acid, dilute R</b> Ph.Eur. 1086804 1 M, 9.8 per cent	500 ml	170324
<b>Sulfuric acid, dilute R 4.5 M</b> Reagents according to Ph.Eur. 9N	500 ml	172016
<b>Sulphate standard solution 1000 ppm SO<sub>4</sub></b> For Sulphate standard solution (10 ppm SO <sub>4</sub> ) Ph.Eur. 5002800	100 ml	140561
<b>Sulphate standard solution R1 1000 ppm SO<sub>4</sub></b> For Sulphate standard solution (10 ppm SO <sub>4</sub> ) R1 Ph.Eur. 5002801	100 ml	140576
<b>Sulphomolybdic reagent R3</b> Ph.Eur. 1086500	50 ml	132027
<b>Tartaric acid solution 15.0 per cent m/V</b> Reagents according to Ph.Eur.	50 ml	130896
<b>Thioacetamide solution R</b> Ph.Eur. 1089602 4.0 per cent m/V	100 ml	140564
<b>Titanium trichloride-sulfuric acid reagent R</b> Ph.Eur. 1091202	50 ml	132003
<b>Yellow primary solution</b> Ph.Eur. 2.2.2. Degree of coloration of liquids. Primary solutions. Yellow solution.	100 ml	140495
<b>Zinc chloride solution, iodinated R</b> Ph.Eur. 1096602	50 ml	130829
<b>Zinc sulphate 0.05 M</b> Reagents according to Ph.Eur. Volumetric solution	500 ml	170915
<b>Zinc sulphate 0.1 M</b> Ph.Eur. 3008600 Volumetric solution	500 ml	170560