

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
0.05 M Phosphate buffer solution pH 7.0 Ph.Eur. 4012400	1000 ml	182346
0.1 M Phosphate buffer solution pH 8.0 Ph.Eur. 4008400	1000 ml	182345
0.0167 M Potassium bromate Ph.Eur. 3004400 Volumetric solution	500 ml	170914
0.05 M Iodine Ph.Eur. 3002700 Volumetric solution	500 ml	170898
0.1 M Perchloric acid Ph.Eur. 3003900. Volumetric solution. H ₂ O 0.1 - 0.2 per cent m/m	500 ml	172094
0.1 M Potassium hydroxide Ph.Eur. 3004800 Volumetric solution	500 ml	170895
0.1 M Silver nitrate Ph.Eur. 3005600 Volumetric solution	500 ml	170961
0.1 M Sodium hydroxide, ethanolic Ph.Eur. 3007000 Volumetric solution	500 ml	170579
Acetate buffer solution pH 4.5 Reagents according to Ph.Eur.	500 ml	172171
Acetate buffer solution pH 4.6 R Ph.Eur. 4001400	500 ml	170016
Acetic acid R Ph.Eur. 1000401 5 M, approx. 30.0 per cent m/V	500 ml	170902
Acetic acid, dilute R Ph.Eur. 1000402 2 M, approx. 12.0 per cent m/V	500 ml	170083
Acetic acid, glacial R 1 mol/l Reagents according to Ph.Eur.	500 ml	170667
Ammonia R Ph.Eur. 1004701 Approx. 10.3 M, 17.0-18.0 per cent m/V	50 ml 500 ml	130903 170903
Ammonia solution 5 mol/l Reagents according to Ph.Eur. 8.5 m/V	500 ml	170007

Product	Packaging size	Ref. number
Ammonia, dilute R1 Ph.Eur. 1004702 Approx. 6 M, 10.0-10.4 per cent m/V	50 ml 500 ml	130458 170458
Ammonia, dilute R2 Ph.Eur. 1004703 Approx. 2 M, 3.4 per cent m/V	50 ml 500 ml	130904 170904
Ammonium carbonate solution R Ph.Eur. 1005201 Approx. 1 M, 15.8 per cent m/V	500 ml	170461
Ammonium chloride buffer solution Reagents according to Ph.Eur.	500 ml	170555
Ammonium chloride solution R Ph.Eur. 1005301 Approx. 2 M, 10.7 per cent m/V	50 ml	130901
Ammonium oxalate solution R Ph.Eur. 1005901 4.0 per cent m/V	50 ml	130463
Ammonium standard solution 250 ppm NH₄ For preparation of Ammonium standard solution (2.5 ppm NH ₄), Ph.Eur. 5000301	50 ml	130464
Barium chloride 25 per cent m/V Reagents according to Ph.Eur.	50 ml	132002
Barium chloride solution R1 Ph.Eur. 1009301	50 ml	130466
Barium hydroxide solution R Ph.Eur. 1009401 0.15 M, 4.73 per cent m/V	50 ml	130809
Benzethonium chloride 0.004 M Ph.Eur. 3000900 Volumetric solution	500 ml	170994
Blue primary solution Ph.Eur. 2.2.2. Degree of coloration of liquids. Primary solutions. Blue primary solution.	100 ml	140558
Bromothymol blue solution R1 Ph.Eur. 1012901	50 ml	130470
Bromocresol green solution R Ph.Eur. 1012601	50 ml	130469
Bromophenol blue solution R Ph.Eur. 1012801	50 ml	130568
Bromophenol blue solution R2 Ph.Eur. 1012902	50 ml	132004
Bromothymol blue solution R3 Ph.Eur. 1012903	50 ml	130471

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

Product	Packaging size	Ref. number
Ferroin R Ph.Eur. 1038100	50 ml	130479
Fuchsin solution, decolorised R1 Ph.Eur. 1039402	50 ml	130827
Glycerol mixture for thioacetamide reagent R Ph.Eur. 1089601	50 ml	130481
Hexamethylenetetramine solution Ph.Eur. 2.2.1. Clarity and degree of opalescence of liquids	100 ml	140971
Hydrazine sulfate solution Ph.Eur. 2.2.1. Clarity and degree of opalescence of liquids	100 ml	140972
Hydrochloric acid 0,1 M Ph.Eur. 3002100 Volumetric solution. 0.37 per cent	500 ml 10 000 ml	170170 110170
Hydrochloric acid 0,1 mol/l 0.1 per cent SDS Reagents according to Ph.Eur.	10 000 ml	110654
Hydrochloric acid 0,1 mol/l 2.0 per cent SDS Reagents according to Ph.Eur.	10 000 ml	110658
Hydrochloric acid 1 M Ph.Eur. 3001800 3.65 per cent	500 ml	170172
Hydrochloric acid 1 per cent m/V Reagents according to Ph.Eur. 0.28 M	500 ml	170496
Hydrochloric acid 5 M Reagents according to Ph.Eur.	500 ml	170174
Hydrochloric acid 6 M Ph.Eur. 3001500 21.9 per cent	500 ml	170175
Hydrochloric acid R1 Ph.Eur. 1043501 25.0 per cent m/V, 6.855 M	500 ml	170177
Hydrochloric acid, dilute R Ph.Eur. 1043503 2.0 M, 7.3 per cent m/V	500 ml 10 000 ml	170173 110173
Hydrochlorid acid 0.01 M Reagents according to Ph.Eur.	10 000 ml	112411
Hydrochlorid acid 0.02 M Reagents according to Ph.Eur.	10 000 ml	112412
Hydrochlorid acid 0.5 M Reagents according to Ph.Eur. Volumetric solution	500 ml	170954
Hydrochlorid acid 10 per cent m/m Reagents according to Ph.Eur. Approx. 2.9 M	500 ml	170497
Hydrogen peroxide solution 6 per cent m/V Reagents according to Ph.Eur. Contains stabilizer	50 ml	132047

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Product	Packaging size	Ref. number
Hydrogen peroxide solution, dilute 3 per cent m/m Reagents according to Ph.Eur. Contains stabilizer	50 ml	132025
Iodine bromide solution R Ph.Eur. 1045901	500 ml	170704
Iron standard solution 200 ppm Fe For Iron standard solution (20 ppm Fe) Ph. Eur. 5001600	50 ml	130557
Lead acetate paper R Ph.Eur. 1048102 2 g/ vial	100 ml	142017
Lead acetate solution R Ph.Eur. 1048103 9.5 per cent m/V, 0.25 M	50 ml	130746
Lead nitrate 0.1 M Ph.Eur. 3003100 Volumetric solution	500 ml	170710
Lead standard solution 0.1 per cent Pb R Ph.Eur. 5001700 Lead standard solution (0.1 per cent Pb). 1000 ppm Pb	50 ml	130539
Magnesium standard solution 0.1 per cent Mg Ph.Eur. 5001803	50 ml	130540
Magnesium sulfate 25 per cent in dilute sulfuric acid Reagents according to Ph.Eur.	500 ml	172026
Mandel's reagent Reagents according to Ph.Eur.	30 ml	122136
Mercuric acetate solution R Ph.Eur. 1052001 3.19 per cent m/V	500 ml	170541
Mercuric chloride solution R Ph.Eur. 1052201 5.4 per cent m/V	50 ml	130970
Methyl orange solution R Ph.Eur. 1054802 0.1 per cent m/V	50 ml	130544
Methyl red mixed solution R Ph.Eur. 1055101	50 ml	130546
Methyl red solution R Ph.Eur. 1055102 0.05 per cent m/V	50 ml	130545
Ninhydrin solution R2 Ph.Eur. 1058305	50 ml	132048
Nitrate standard solution 1000 ppm (NO₃) For Nitrate standard solution (100 ppm NO ₃) Ph. Eur. 5002100	50 ml	130549

Product	Packaging size	Ref. number
Nitric acid 5 M Reagents according to Ph.Eur. 31.5 per cent m/V, 5 N	500 ml	170382
Nitric acid, dilute R Ph.Eur. 1058402 2.0 M, 12.5 per cent m/V = 2 N	500 ml	170384
Phenol red solution R Ph.Eur. 1063601 0.1 per cent m/V	50 ml	130475
Phenol red solution R2 Ph.Eur. 1063603	50 ml	130823
Phenolphthalein solution R Ph.Eur. 1063702	50 ml	130474
Phenolphthalein solution R1 Ph.Eur. 1063703	50 ml	130572
Phosphate buffer pH 2.3 Reagents according to Ph.Eur.	10 000 ml	110607
Phosphate buffer pH 2.1 Reagents according to Ph.Eur.	10 000 ml	110606
Phosphate buffer pH 3.0 10 mM Reagents according to Ph.Eur.	5000 ml	192361
Phosphate buffer pH 7.4 10 mM Reagents according to Ph.Eur.	5000 ml	192362
Phosphate buffer solution pH 6.8 + 1 per cent SLS Ph.Eur. 4003300 + 1 per cent SLS	10 000 ml	112372
Phosphate buffer solution pH 6.8 + 1.5 per cent SLS Ph.Eur. 4003300 + 1.5 per cent SLS	10 000 ml	112363
Phosphate buffer solution pH 6.8 + 2.5 per cent SLS Ph.Eur. 4003300 + 2.5 per cent SLS	10 000 ml	112377
Phosphate buffer solution pH 6.8 R Ph.Eur. 4003300	10 000 ml	110617
Phosphate standard solution 500 ppm PO₄ For Phosphate standard solution 5 ppm PO ₄ Ph. Eur. 5002200	50 ml	130575
Phosphoric acid, dilute R Ph.Eur. 1065101 9.5 - 10.5 per cent m/m.	500 ml	170694
Potassium bromide 10 per cent m/V Reagents according to Ph.Eur.	50 ml	132007
Potassium carbonate solution 15 per cent m/V Reagents according to Ph.Eur.	50 ml	130953
Potassium chloride 10 per cent m/V Reagents according to Ph.Eur.	500 ml	170980

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Product	Packaging size	Ref. number
Potassium ferrocyanide solution R Ph.Eur. 1069801 5.3 per cent m/V	50 ml	130705
Potassium hydroxide 0.5 M Reagents according to Ph.Eur. 2.8 per cent m/V	500 ml	170152
Potassium hydroxide 1 M Reagents according to Ph.Eur.	500 ml	170675
Potassium hydroxide 2 M Reagents according to Ph.Eur. 11.2 per cent m/V	50 ml	130151
Potassium iodide 10 per cent m/V Reagents according to Ph.Eur. 0.7 M	500 ml	170735
Potassium iodide solution R Ph.Eur. 1070502 16.6 per cent m/V	1000 ml	180937
Potassium iodide solution, iodinated R Ph.Eur. 1070503	50 ml 500 ml	132011 172011
Potassium permanganate 0.02 M Ph.Eur. 3005300	500 ml	170161
Potassium permanganate solution R Ph.Eur. 1070902 3.0 per cent m/V	30 ml	122038
Potassium pyroantimonate solution R Ph.Eur. 1071301	50 ml	130707
Potassium thiocyanate solution R Ph.Eur. 1071801 9.7 per cent m/V	50 ml	130489
Red primary solution Ph.Eur. 2.2.2. Degree of coloration of liquids. Primary solutions. Red solution.	100 ml	140552
Silver nitrate solution R1 Ph.Eur. 1078301 4.25 per cent m/V	50 ml	130482
Silver nitrate solution R2 Ph.Eur. 1078302 0.1 M, 1.7 per cent m/V	50 ml	132031
Sodium carbonate solution R Ph.Eur. 1079301 1.0 M, 10.6 per cent m/V	50 ml	130264
Sodium dodecyl sulfate 0.3 per cent m/V Reagents according to Ph.Eur.	10 000 ml	110800

Product	Packaging size	Ref. number
Sodium dodecyl sulfate 0.5 per cent m/V Reagents according to Ph.Eur.	10 000 ml	110822
Sodium dodecyl sulfate 2 per cent m/V Reagents according to Ph.Eur.	10 000 ml	110820
Sodium edetate 0.05 M Reagents according to Ph.Eur.	500 ml	170910
Sodium edetate 0.1 M Ph.Eur. 3005900 Volumetric solution	500 ml	170563
Sodium hydroxide 0.1 M Ph.Eur. 3006600 0.4 per cent	500 ml	170241
Sodium hydroxide 0.2 M Reagents according to Ph.Eur. 2.0 per cent	500 ml	172066
Sodium hydroxide 0.5 M Reagents according to Ph.Eur.	500 ml	170955
Sodium hydroxide 1 M Ph.Eur. 3006300 4.0 per cent	500 ml	170247
Sodium hydroxide 2.5 mM Reagents according to Ph.Eur. 10.0 per cent	500 ml	170256
Sodium hydroxide solution 25 % m/V Reagents according to Ph.Eur. 6.25 M	500 ml	170257
Sodium hydroxide solution 10 mol/l Reagents according to Ph.Eur.	500 ml	170259
Sodium hydroxide solution 2 M Reagents according to Ph.Eur. 8.0 per cent	500 ml	170248
Sodium hydroxide solution R Ph.Eur. 1081401 5.0 M, 20.0 per cent m/V	500 ml	170251
Sodium hydroxide solution, strong R Ph.Eur. 1081404 Approx. 10.5 M, 42 per cent m/V	500 ml	172095
Sodium thiosulphate 0.1 M Ph.Eur. 3007300 Volumetric solution	500 ml	170278
Starch solution R Ph.Eur. 1085103	50 ml	130390

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Product	Packaging size	Ref. number
Sulfuric acid 0.025 M Reagents according to Ph.Eur. 0.05 N	500 ml	170003
Sulfuric acid 0.05 M Ph.Eur. 3008000 0.1 N	500 ml	170320
Sulfuric acid 0.5 M Ph.Eur. 3007800	500 ml	170325
Sulfuric acid 2 M Reagents according to Ph.Eur. 19.6 per cent, 4N	500 ml	170687
Sulfuric acid 2.5 M Reagents according to Ph.Eur. 5N	500 ml	170326
Sulfuric acid 3.5 M Reagents according to Ph.Eur. 7 N	500 ml	170976
Sulfuric acid, dilute R Ph.Eur. 1086804 1 M, 9.8 per cent	500 ml	170324
Sulfuric acid, dilute R 4.5 M Reagents according to Ph.Eur. 9N	500 ml	172016
Sulphate standard solution 1000 ppm SO₄ For Sulphate standard solution (10 ppm SO ₄) Ph.Eur. 5002800	50 ml	130561
Sulphate standard solution R1 1000 ppm SO₄ For Sulphate standard solution (10 ppm SO ₄) R1 Ph.Eur. 5002801	100 ml	140576
Sulphomolybdic reagent R3 Ph.Eur. 1086500	50 ml	132027
Tartaric acid solution 15 per cent m/V Reagents according to Ph.Eur.	50 ml	130896
Thioacetamide solution R Ph.Eur. 1089602 4.0 per cent m/V	100 ml	140564
Titanium trichloride-sulfuric acid reagent R Ph.Eur. 1091202	50 ml	132003
Yellow primary solution Ph.Eur. 2.2.2. Degree of coloration of liquids. Primary solutions. Yellow solution.	100 ml	140495
Zinc chloride solution, iodinated R Ph.Eur. 1096602	50 ml	130829
Zinc sulphate 0.05 M Reagents according to Ph.Eur. Volumetric solution	500 ml	170915
Zinc sulphate 0.1 M Ph.Eur. 3008600 Volumetric solution	500 ml	170560