



ROMMA
PURE CHEMISTRY



ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

di-Ammonium Iron(II) Sulphate 0.3M

PrimAg-TvR

V0235

1LT V0235M (NH₄)₂Fe(SO₄)₂ MW284.01
 2½LT V0235L Nominal concentration 0.3M (0.3N)
 (NH₄)₂Fe(SO₄)₂ 85.20 g/LT
 Stabiliser: H₂SO₄ 5 g/LT
 Calibrate by titration with either Ce(SO₄)₂, K₂Cr₂O₇ or KMnO₄ of equivalent molarity immediately before each use.
 Application: Reagent for volumetric titrimetry

Ammonium Thiocyanate 0.1M PrimAg-TvR

V2703

1LT V2703M NH₄SCN MW76.12
 2½LT V2703L Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
 5LT V2703K NH₄SCN 7.612 g/LT
 10LT V2703J Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable

Benzethonium Chloride *M (see Hyamine 1622 *M)

Barium Hydroxide 0.05M PrimAg-TvR

V1279

1LT V1279M Ba(OH)₂ MW171.34
 2½LT V1279L Nominal concentration 0.05M (0.1N) ±0.5% @ 20°C
 Ba(OH)₂ 8.567 g/LT
 Manufactured and filled under N₂.
 Protect from atmospheric CO₂.
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable

Calcium Chloride 0.25M PrimAg-TvR

V3191

1LT V3191M CaCl₂ MW110.99
 2½LT V3191L Nominal concentration 0.25M (0.5N) ±0.5% @ 20°C
 5LT V3191K CaCl₂ 27.75 g/LT
 10LT V3191J Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable

Calcium Chloride 1M PrimAg-TvR

V2182


1LT V2182M CaCl₂ MW110.99
 2½LT V2182L Nominal concentration 1M (2N) ±0.5% @ 20°C
 5LT V2182K CaCl₂ 111.0 g/LT
 10LT V2182J Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable

Cerium(IV) Sulphate 0.05M/0.1M

PrimAg-TvR

di-concentrate

C3875

6x100ml C3875Q Ce(SO₄)₂ MW 332.22
 Dgr H:290-314 0.5M (0.5N) nominal concentrate ±0.5% @ 20°C
 P:280c-301+330+331-305+351+338- Ce(SO₄)₂ 166.1 g/LT
 309+310 H₂SO₄ 200 g/LT
 Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:
 Dilute to 1.0LT yields 0.05M (0.05N)
 Dilute to 0.5LT yields 0.1M (0.1N)
 Application: Stable alternative to potassium permanganate in oxidation titrimetry


ISO 17034 accredited SI-traceable

Pack contains 6 vials each containing 100ml of concentrate.

Cerium(IV) Sulphate 0.1M PrimAg-TvR

in sulphuric acid 4%


V2764

1LT V2764M Ce(SO₄)₂ MW 332.22
 2½LT V2764L Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
 Wng H:290-315-319 Ce(SO₄)₂ 33.22 g/LT
 P:302+352-305+351+338 H₂SO₄ 40 g/LT
 Application: Stable alternative to potassium permanganate in oxidation titrimetry
 ISO17034 accredited SI-traceable

Cerium(IV) Sulphate 0.1M PrimAg-TvR

in sulphuric acid 10%

V4582

1LT V4582M Ce(SO₄)₂ MW332.22
 2½LT V4582L Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
 Wng H:290-315-319 Ce(SO₄)₂ 33.22 g/LT
 P:302+352-305+351+338 H₂SO₄ 100 g/LT
 Application: Stable alternative to potassium permanganate in oxidation titrimetry
 ISO17034 accredited SI-traceable

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Dodecylbenzenesulphonic Acid 0.002M

PrimAg-TvR

sodium salt

V2543

1LT V2543M	(Sodium Dodecylbenzenesulphonate 0.002M)
2½LT V2543L	CH ₃ (CH ₂) ₁₁ C ₆ H ₄ SO ₃ .Na MW348.48
	Nominal concentration 0.002M ±0.5% @ 20°C
	CH ₃ (CH ₂) ₁₁ C ₆ H ₄ SO ₃ .Na 0.6970 g/LT
	Application: Determination of cationic surfactants
	ISO17034 accredited SI-traceable

EDTA di-Sodium salt 0.01M PrimAg-TvR

V2934

1LT V2934M	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ MW 336.20
2½LT V2934L	Nominal concentration 0.01M (0.02N) ±0.5% @ 20°C
5LT V2934K	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ 3.362 g/LT
10LT V2934J	Application: Reagent for volumetric titrimetry
	ISO 17034 accredited SI-traceable

EDTA di-Sodium salt 0.02M PrimAg-TvR

V1823

1LT V1823M	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ MW 336.20
2½LT V1823L	Nominal concentration 0.02M (0.04N) ±0.5% @ 20°C
5LT V1823K	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ 6.724 g/LT
10LT V1823J	Application: Reagent for volumetric titrimetry
	ISO 17034 accredited SI-traceable

EDTA di-Sodium salt 0.01M/0.02M/0.04M

PrimAg-TvR

tri-concentrate

C5263

6x100ml C5263Q	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ MW 336.20
	0.2M (0.4N) nominal concentration ±0.5% @ 20°C
	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ 67.24 g/LT
	Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:
	Dilute to 2.0LT yields 0.01M (0.02N)
	Dilute to 1.0LT yields 0.02M (0.04N)
	Dilute to 0.5LT yields 0.04M (0.08N)
	Application: Concentrate for volumetric titrimetry
	ISO 17034 accredited SI-traceable
	Pack contains 6 vials each containing 100ml of concentrate.

EDTA di-Sodium salt 0.05M PrimAg-TvR

V3623

1LT V3623M	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ MW 336.20
2½LT V3623L	Nominal concentration 0.05M (0.1N) ±0.5% @ 20°C
5LT V3623K	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ 16.81 g/LT
10LT V3623J	Application: Reagent for volumetric titrimetry
	ISO 17034 accredited SI-traceable


EDTA di-Sodium salt 0.1M PrimAg-TvR

V3045

1LT V3045M	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ MW 336.20
2½LT V3045L	Nominal concentration 0.1M (0.2N) ±0.5% @ 20°C
5LT V3045K	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ 33.62 g/LT
10LT V3045J	Application: Reagent for volumetric titrimetry
	ISO 17034 accredited SI-traceable


Hyamine 1622 0.004M PrimAg-TvR

V7846

1LT V7846M	(Benzethonium Chloride 0.004M)
2½LT V7846L	C ₂₇ H ₄₂ N ₂ O ₂ Cl MW448.08
Wng H:315-319-411	Nominal concentration 0.004M
P:273-302+352-305+351+338	C ₂₇ H ₄₂ N ₂ O ₂ Cl 1.792 g/LT
	Calibrate by titration with Sodium Dodecyl Sulphate immediately before each use.
	Application: Determination of anionic surfactants
	Hyamine is a registered trademark of
	Lonza Inc

Hyamine 1622 0.04M PrimAg-TvR

V6236

1LT V6236M	(Benzethonium Chloride 0.04M)
2½LT V6236L	C ₂₇ H ₄₂ N ₂ O ₂ Cl MW448.08
Wng H:315-319-411	Nominal concentration 0.04M
P:273-302+352-305+351+338	C ₂₇ H ₄₂ N ₂ O ₂ Cl 17.92 g/LT
	Calibrate by titration with Sodium Dodecyl Sulphate immediately before each use.
	Application: Determination of anionic surfactants
	Hyamine is a registered trademark of Lonza Inc

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Dodecylbenzenesulphonic Acid 0.002M V2543

PrimAg-TvR

sodium salt

1LT V2543M	(Sodium Dodecylbenzenesulphonate 0.002M)
2½LT V2543L	CH ₃ (CH ₂) ₁₁ C ₆ H ₄ SO ₃ .Na MW348.48
	Nominal concentration 0.002M ±0.5% @ 20°C
	CH ₃ (CH ₂) ₁₁ C ₆ H ₄ SO ₃ .Na 0.6970 g/LT
	Application: Determination of cationic surfactants
	<i>ISO17034 accredited SI-traceable</i>

EDTA di-Sodium salt 0.01M PrimAg-TvR V2934

1LT V2934M	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ MW 336.20
2½LT V2934L	Nominal concentration 0.01M (0.02N) ±0.5% @ 20°C
5LT V2934K	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ 3.362 g/LT
10LT V2934J	Application: Reagent for volumetric titrimetry
	<i>ISO 17034 accredited SI-traceable</i>

EDTA di-Sodium salt 0.02M PrimAg-TvR V1823

1LT V1823M	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ MW 336.20
2½LT V1823L	Nominal concentration 0.02M (0.04N) ±0.5% @ 20°C
5LT V1823K	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ 6.724 g/LT
10LT V1823J	Application: Reagent for volumetric titrimetry
	<i>ISO 17034 accredited SI-traceable</i>

EDTA di-Sodium salt 0.01M/0.02M/0.04M

PrimAg-TvR

tri-concentrate C5263

6x100ml C5263Q	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ MW 336.20
	0.2M (0.4N) nominal concentration ±0.5% @ 20°C
	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ 67.24 g/LT
	Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:
	Dilute to 2.0LT yields 0.01M (0.02N)
	Dilute to 1.0LT yields 0.02M (0.04N)
	Dilute to 0.5LT yields 0.04M (0.08N)
	Application: Concentrate for volumetric titrimetry
	<i>ISO 17034 accredited SI-traceable</i>
	<i>Pack contains 6 vials each containing 100ml of concentrate.</i>


EDTA di-Sodium salt 0.05M PrimAg-TvR V3623

1LT V3623M	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ MW 336.20
2½LT V3623L	Nominal concentration 0.05M (0.1N) ±0.5% @ 20°C
5LT V3623K	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ 16.81 g/LT
10LT V3623J	Application: Reagent for volumetric titrimetry
	<i>ISO 17034 accredited SI-traceable</i>


EDTA di-Sodium salt 0.1M PrimAg-TvR V3045

1LT V3045M	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ MW 336.20
2½LT V3045L	Nominal concentration 0.1M (0.2N) ±0.5% @ 20°C
5LT V3045K	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ 33.62 g/LT
10LT V3045J	Application: Reagent for volumetric titrimetry
	<i>ISO 17034 accredited SI-traceable</i>

Hyamine 1622 0.004M PrimAg-TvR V7846

1LT V7846M	(Benzethonium Chloride 0.004M)
2½LT V7846L	C ₂₇ H ₄₂ N ₂ O ₂ Cl MW448.08
Wng H315-319-411	Nominal concentration 0.004M
P:273-302+352-305+351+338	C ₂₇ H ₄₂ N ₂ O ₂ Cl 1.792 g/LT
	Calibrate by titration with Sodium Dodecyl Sulphate immediately before each use.
	Application: Determination of anionic surfactants
	<i>Hyamine is a registered trademark of Lonza Inc</i>

Hyamine 1622 0.04M PrimAg-TvR V6236

1LT V6236M	(Benzethonium Chloride 0.04M)
2½LT V6236L	C ₂₇ H ₄₂ N ₂ O ₂ Cl MW448.08
Wng H315-319-411	Nominal concentration 0.04M
P:273-302+352-305+351+338	C ₂₇ H ₄₂ N ₂ O ₂ Cl 17.92 g/LT
	Calibrate by titration with Sodium Dodecyl Sulphate immediately before each use.
	Application: Determination of anionic surfactants
	<i>Hyamine is a registered trademark of Lonza Inc</i>

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Hyamine 1622 0.05M PrimAg-TvR

V4868

1LT V4868M (Benzethonium Chloride 0.05M)
 2½LT V4868L C27H42NO2Cl MW448.08
 Wng H:315-319-411 Nominal concentration 0.05M
 P:273-302+352-305+351+338 C27H42NO2Cl 22.40 g/LT



Calibrate by titration with Sodium Dodecyl Sulphate immediately before each use.

Application: Determination of anionic surfactants

Hyamine is a registered trademark of Lonza Inc

Hyamine 1622 0.1M PrimAg-TvR

V5979

1LT V5979M (Benzethonium Chloride 0.1M)
 2½LT V5979L C27H42NO2Cl MW448.08
 Wng H:315-319-411 Nominal concentration 0.1M
 P:273-302+352-305+351+338 C27H42NO2Cl 44.81 g/LT



Calibrate by titration with Sodium Dodecyl Sulphate immediately before each use.

Application: Determination of anionic surfactants

Hyamine is a registered trademark of Lonza Inc

Hydrochloric Acid 0.01M PrimAg-TvR

V3604

1LT V3604M HCl MW 36.46
 2½LT V3604L Nominal concentration 0.01M (0.01N) ±0.5% @ 20°C
 5LT V3604K HCl 0.3646 g/LT
 10LT V3604J Application: Reagent for volumetric titrimetry

Hydrochloric Acid 0.02M PrimAg-TvR

V3718

1LT V3718M HCl MW 36.46
 2½LT V3718L Nominal concentration 0.02M (0.02N) ±0.5% @ 20°C
 5LT V3718K HCl 0.7292 g/LT
 10LT V3718J Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable

Hydrochloric Acid 0.04M PrimAg-TvR

high accuracy

V9504

1LT V9504M HCl MW 36.46
 2½LT V9504L Nominal concentration 0.04M (0.04N) ±0.01% @ 20°C
 Wng H:290 HCl 1.4584 g/LT
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable

Hydrochloric Acid 0.1M PrimAg-TvR

V3721

1LT V3721M HCl MW 36.46
 2½LT V3721L Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
 5LT V3721K HCl 3.646 g/LT
 10LT V3721J Application: Reagent for volumetric titrimetry
 Wng H:290 ISO17034 accredited SI-traceable



Hydrochloric Acid 0.05M/0.1M/0.2M

PrimAg-TvR

tri-concentrate

C4832

6x100ml C4832Q HCl MW 36.46
 Wng H:290 1M (1N) nominal concentrate ±0.5% @ 20°C
 HCl 36.46 g/LT



Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:

Dilute to 2.0LT yields 0.05M (0.05N)

Dilute to 1.0LT yields 0.1M (0.1N)

Dilute to 0.5LT yields 0.2M (0.2N)

Application: Concentrate for volumetric titrimetry

ISO 17034 accredited SI-traceable

Pack contains 6 vials each containing 100ml of concentrate.

Hydrochloric Acid 0.2M PrimAg-TvR

V3723

1LT V3723M HCl MW 36.46
 2½LT V3723L Nominal concentration 0.2M (0.2N) ±0.5% @ 20°C
 5LT V3723K HCl 7.292 g/LT
 10LT V3723J Application: Reagent for volumetric titrimetry
 Wng H:290 ISO17034 accredited SI-traceable



ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Hydrochloric Acid 0.2M PrimAg-TvR high accuracy

V9521

1LT V9521M HCl MW 36.46
 2½LT V9521L Nominal concentration 0.2M (0.2N) ±0.01% @ 20°C
 Wng H:290 HCl 7.2920 g/LT
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable



Hydrochloric Acid 0.5M PrimAg-TvR

V3725

1LT V3725M HCl MW 36.46
 2½LT V3725L Nominal concentration 0.5M (0.5N) ±0.5% @ 20°C
 5LT V3725K HCl 18.23 g/LT
 10LT V3725J Application: Reagent for volumetric titrimetry
 Wng H:290 ISO17034 accredited SI-traceable



Hydrochloric Acid 0.25M/0.5M/1M PrimAg-TvR

tri-concentrate

C3462

6x100ml C3462Q HCl MW 36.46
 Wng H:290-315-319-335 5M (5N) nominal concentration ±0.5% @ 20°C
 P:302+352- HCl 182.3 g/LT
 305+351+338 Dilution of the vial contents with distilled water using class A glassware gives
 the following working strengths:
 Dilute to 2.0LT yields 0.25M (0.25N)
 Dilute to 1.0LT yields 0.5M (0.5N)
 Dilute to 0.5LT yields 1M (1N)
 Application: Concentrate for volumetric titrimetry
 ISO 17034 accredited SI-traceable
 Pack contains 6 vials each containing 100ml of concentrate.



Hydrochloric Acid 1M PrimAg-TvR

V3772

1LT V3772M HCl MW 36.46
 2½LT V3772L Nominal concentration 1M (1N) ±0.5% @ 20°C
 5LT V3772K HCl 36.46 g/LT
 10LT V3772J Application: Reagent for volumetric titrimetry
 Wng H:290 ISO17034 accredited SI-traceable



Hydrochloric Acid 1M PrimAg-TvR high accuracy

V9532

1LT V9532M HCl MW 36.46
 2½LT V9532L Nominal concentration 1M (1N) ±0.01% @ 20°C
 Wng H:290 HCl 36.460 g/LT
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable



Hydrochloric Acid 2M PrimAg-TvR

V3775

1LT V3775M HCl MW 36.46
 2½LT V3775L Nominal concentration 2M (2N) ±0.5% @ 20°C
 5LT V3775K HCl 72.92 g/LT
 10LT V3775J Application: Reagent for volumetric titrimetry
 Wng H:290 ISO17034 accredited SI-traceable



Hydrochloric Acid 3M PrimAg-TvR

V4758

1LT V4758M HCl MW 36.46
 2½LT V4758L Nominal concentration 3M (3N) ±0.5% @ 20°C
 5LT V4758K HCl 109.4 g/LT
 10LT V4758J Application: Reagent for volumetric titrimetry
 Wng H:290-315-319-335 ISO17034 accredited SI-traceable
 P:302+352-305+351+338



Hydrochloric Acid 4M PrimAg-TvR

V3736

1LT V3736M HCl MW 36.46
 2½LT V3736L Nominal concentration 4M (4N) ±0.5% @ 20°C
 5LT V3736K HCl 145.8 g/LT
 10LT V3736J Application: Reagent for volumetric titrimetry
 Wng H:290-315-319-335 ISO17034 accredited SI-traceable
 P:302+352-305+351+338



ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Hydrochloric Acid 5M PrimAg-TvR

V3777

1LT V3777M HCl MW 36.46
 2½LT V3777L Nominal concentration 5M (5N) ±0.5% @ 20°C
 5LT V3777K HCl 182.3 g/LT
 10LT V3777J Application: Reagent for volumetric titrimetry
 Wng H:290-315-319-335 ISO17034 accredited SI-traceable
 P:302+352-
 305+351+338



Hydro uoric Acid 3M PrimAg-TvR

V5253

1LT V5253M HF MW 20.01
 Dgr H:301+331-310-314 Nominal concentration 3M (3N) ±0.5% @ 20°C
 P:280-301+330+331-302+352- HF 60.02 g/LT
 304+340-305+351+338-309+310 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable



Iodine 0.0236M PrimAg-TvR

V3292

1LT V3292M I2 MW253.81
 2½LT V3292L Nominal concentration 0.0236M (0.0473N) ±0.5% @ 20°C
 Dgr H:372-401 I2 5.990 g/LT
 P:260v-264-273-314 KI 57 g/LT
 Store in dark.
 Application: ASTM Iodine absorption number test
 ISO17034 accredited SI-traceable



Iodine 0.025M PrimAg-TvR

V5337

1LT V5337M I2 MW253.81
 2½LT V5337L Nominal concentration 0.025M (0.05N) ±0.5% @ 20°C
 Dgr H:372-401 I2 6.345 g/LT
 P:260v-264-273-314 KI 10 g/LT
 Store in dark.
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable



Iodine 0.05M PrimAg-TvR

V5056

1LT V5056M I2 MW253.81
 2½LT V5056L Nominal concentration 0.05M (0.1N) ±0.5% @ 20°C
 Dgr H:372-401 I2 12.69 g/LT
 P:260v-264-273-314 KI 20 g/LT
 Store in dark.
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable



Iodine 0.025M/0.05M/0.1M PrimAg-TvR tri-concentrate

C6167

6x100ml C6167Q I2 MW 253.81
 Dgr H:372-401 0.5M (1N) nominal concentrate ±0.5% @ 20°C
 P:260v-264-273-314 I2 126.9 g/LT
 KI 200 g/LT
 Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:
 Dilute to 2.0LT yields 0.025M (0.05N)
 Dilute to 1.0LT yields 0.05M (0.1N)
 Dilute to 0.5LT yields 0.1M (0.2N)
 Store in dark.
 Application: Concentrate for volumetric titrimetry
 ISO 17034 accredited SI-traceable
 Pack contains 6 vials each containing 100ml of concentrate.



Iodine 0.5M PrimAg-TvR

V4043

500ml V4043P I2 MW253.81
 1LT V4043M Nominal concentration 0.5M (1N) ±0.5% @ 20°C
 2½LT V4043L I2 126.9 g/LT
 Dgr H:372-401 KI 200 g/LT
 P:260v-264-273-314 Store in dark.
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable



Nitric Acid 0.02M PrimAg-TvR

V5311

1LT V5311M HNO3 MW 63.01
 2½LT V5311L Nominal concentration 0.02M (0.02N) ±0.5% @ 20°C
 5LT V5311K HNO3 1.260 g/LT
 10LT V5311J Stabiliser: Hg(NO3)2.½H2O 10 ppm
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Nitric Acid 0.02M PrimAg-TvR

V5311

1LT V5311M HNO₃ MW 63.01
 2½LT V5311L Nominal concentration 0.02M (0.02N) ±0.5% @ 20°C
 5LT V5311K HNO₃ 1.260 g/LT
 10LT V5311J Stabiliser: Hg(NO₃)₂·½H₂O 10 ppm
 Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable

Nitric Acid 0.1M PrimAg-TvR

V4813

1LT V4813M HNO₃ MW63.01
 2½LT V4813L Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
 5LT V4813K HNO₃ 6.301 g/LT
 10LT V4813J Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable

Nitric Acid 0.5M PrimAg-TvR

V3642

1LT V3642M HNO₃ MW63.01
 2½LT V3642L Nominal concentration 0.5M (0.5N) ±0.5% @ 20°C
 5LT V3642K HNO₃ 31.51 g/LT
 10LT V3642J Application: Reagent for volumetric titrimetry
 Dgr H:315-318
ISO17034 accreditedSI-traceable
 P:280e-302+352-305+351+338-310



Nitric Acid 1M PrimAg-TvR

V4257

1LT V4257M HNO₃ MW63.01
 2½LT V4257L Nominal concentration 1M (1N) ±0.5% @ 20°C
 5LT V4257K HNO₃ 63.01 g/LT
 10LT V4257J Application: Reagent for volumetric titrimetry
 Dgr H:290-314-EUH071
ISO17034 accreditedSI-traceable
 P:280c-302+352-305+351+338-310



Nitric Acid 4M PrimAg-TvR

V4468

1LT V4468M HNO₃ MW63.01
 2½LT V4468L Nominal concentration 4M (4N) ±0.5% @ 20°C
 5LT V4468K HNO₃ 252.0 g/LT
 10LT V4468J Application: Reagent for volumetric titrimetry
 Dgr H:290-314-EUH071
ISO17034 accreditedSI-traceable
 P:280c-301+330+331-305+351+338-309+310



Nitric Acid 8M PrimAg-TvR

V5419

1LT V5419M HNO₃ MW63.01
 2½LT V5419L Nominal concentration 8M (8N) ±0.5% @ 20°C
 5LT V5419K HNO₃ 504.0 g/LT
 10LT V5419J Application: Reagent for volumetric titrimetry
 Dgr H:290-314-EUH071
ISO17034 accreditedSI-traceable
 P:280c-301+330+331-305+351+338-309+310



Oxalic Acid 0.05M PrimAg-TvR

V0361

1LT V0361M (COOH)₂ MW90.03
 2½LT V0361L Nominal concentration 0.05M (0.1N) ±0.5% @ 20°C
 5LT V0361K (COOH)₂ 4.502 g/LT
 10LT V0361J Protect from air.
 Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable

Perchloric Acid 0.1M PrimAg-TvR in acetic acid

V6373

500ml V6373P HClO₄ MW 100.46
 1LT V6373M Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
 2½LT V6373L HClO₄ 10.05 g/LT
 Dgr H:226-314
 Solvent: CH₃COOH
 Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable
 P:280c-301+330+331-305+351+338-307+310



ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Potassium Bromate/Bromide 0.1N

PrimAg-TvR

V7391

1LT V7391M KBrO₃ MW167.01
 2½LT V7391L Nominal concentration 0.1N (0.0167M) ±0.5% @ 20°C
 Dgr H:350 KBrO₃ 2.784 g/LT
 P:201-308+313 KBr 10 g/LT
 Application: Reagent for volumetric titrimetry



Potassium Bromate/Bromide 0.05N/0.1N/0.2N PrimAg-TvR

tri-concentrate

C6482

6x120ml C6482Q KBrO₃ MW 167.01
 Dgr H:350 0.833N (0.139M) nominal concentrate ±0.5% @ 20°C
 P:201-308+313 KBrO₃ 23.20 g/LT
 KBr 83 g/LT



Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:

Dilute to 2.0LT yields 0.05N (0.0083M)

Dilute to 1.0LT yields 0.1N (0.0167M)

Dilute to 0.5LT yields 0.2N (0.0333M)

Application: Concentrate for volumetric titrimetry

ISO 17034 accredited SI-traceable

Pack contains 6 vials each containing 120ml of concentrate.

Potassium Chloride 0.001M PrimAg-TvR

V7506

1LT V7506M KCl MW 74.55
 2½LT V7506L Nominal concentration 0.001M (0.001N) ±0.5% @ 20°C
 5LT V7506K KCl 0.0746 g/LT

Application: Reagent for volumetric titrimetry

ISO 17034 accredited SI-traceable

Potassium Dichromate 0.025N PrimAg-TvR

V4482

1LT V4482M K₂Cr₂O₇ MW294.18
 2½LT V4482L Nominal concentration 0.025N (0.004167M) ±0.5% @ 20°C
 5LT V4482K K₂Cr₂O₇ 1.226 g/LT
 10LT V4482J Application: Reagent for volumetric titrimetry
 Dgr H:350-340-360FD-334-317-413 *ISO 17034 accredited SI-traceable*
 P:201-273-280g-302+352-304+341-308+313



Potassium Dichromate 0.1N PrimAg-TvR

V5364

1LT V5364M K₂Cr₂O₇ MW294.18
 2½LT V5364L Nominal concentration 0.1N (0.016667M) ±0.5% @ 20°C
 5LT V5364K K₂Cr₂O₇ 4.903 g/LT
 10LT V5364J Application: Reagent for volumetric titrimetry
 Dgr H:317-334-340-350-360FD-412 *ISO 17034 accredited SI-traceable*
 P:201-273-302+352-308+313



Potassium Dichromate 0.125N PrimAg-TvR

V6475

1LT V6475M K₂Cr₂O₇ MW294.18
 2½LT V6475L Nominal concentration 0.125N (0.020833M) ±0.5% @ 20°C
 5LT V6475K K₂Cr₂O₇ 6.129 g/LT
 10LT V6475J Application: COD analysis
 Dgr H:317-334-340-350-360FD-412 *ISO 17034 accredited SI-traceable*
 P:201-273-302+352-308+313



Potassium Dichromate 0.25N PrimAg-TvR

V7786

1LT V7786M K₂Cr₂O₇ MW294.18
 2½LT V7786L Nominal concentration 0.25N (0.04167M) ±0.5% @ 20°C
 5LT V7786K K₂Cr₂O₇ 12.26 g/LT
 10LT V7786J Application: Reagent for volumetric titrimetry
 Dgr H:315-319-317-334-340-350-360FD-373-412 *ISO 17034 accredited SI-traceable*
 P:201-273-302+352-308+313



ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Potassium Hydroxide 0.01M PrimAg-TvR

V5784

1LT V5784M
2½LT V5784L
5LT V5784K
10LT V5784J

KOH MW 56.11
Nominal concentration 0.01M (0.01N) ±0.5% @ 20°C
KOH 0.5611 g/LT
K₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO 17034 accredited SI-traceable

Potassium Hydroxide 0.05M PrimAg-TvR

V6675

1LT V6675M
2½LT V6675L
5LT V6675K
10LT V6675J

KOH MW 56.11
Nominal concentration 0.05M (0.05N) ±0.5% @ 20°C
KOH 2.806 g/LT
K₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO 17034 accredited SI-traceable

Potassium Hydroxide 0.1M PrimAg-TvR

V6261

1LT V6261M
2½LT V6261L
5LT V6261K
10LT V6261J
Wing H:315-319
P:302+352-305+351+338

KOH MW 56.11
Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
KOH 5.611 g/LT
K₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO 17034 accredited SI-traceable



Potassium Hydroxide 0.5M PrimAg-TvR

V5169

1LT V5169M
2½LT V5169L
5LT V5169K
10LT V5169J
Dgr H:290-314
P:280c-301+330+331-305+351+338-309+310

KOH MW 56.11
Nominal concentration 0.5M (0.5N) ±0.5% @ 20°C
KOH 28.06 g/LT
K₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO 17034 accredited SI-traceable



Potassium Hydroxide 1M PrimAg-TvR

V3360

1LT V3360M
2½LT V3360L
5LT V3360K
10LT V3360J
Dgr H:290-314
P:280c-301+330+331-305+351+338-309+310

KOH MW 56.11
Nominal concentration 1M (1N) ±0.5% @ 20°C
KOH 56.11 g/LT
K₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO 17034 accredited SI-traceable



Potassium Hydroxide 0.5M PrimAg-TvR in industrial denatured alcohol 99

V5322

1LT V5322M
2½LT V5322L
Dgr H:225-290-314-302-371
P:210-260v-280-301+330+331-305+351+338-309+310

KOH MW 56.11
Nominal concentration 0.5M (0.5N) ±0.5% @ 20°C
KOH 28.06 g/LT
Solvent: industrial denatured alcohol 99
K₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO 17034 accredited SI-traceable Not for export.



Potassium Hydroxide 0.1M PrimAg-TvR in methanol

V3528

1LT V3528M
2½LT V3528L
Dgr H:225-301+311+331-315-319-370
P:210-280f-302+352-305+351+338-309+310-403+235

KOH MW 56.11
Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
KOH 5.611 g/LT
Solvent: CH₃OH
K₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO 17034 accredited SI-traceable



ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Potassium Hydroxide 0.5M PrimAg-TvR

in methanol

V4326

1LT V4526M KOH MW 56.11
 2½LT V4526L Nominal concentration 0.5M (0.5N) ±0.5% @ 20°C
 Dgr H:225-290-314-301+311+331-370 KOH 28.06 g/LT
 Solvent: CH3OH
 P:210-280-302+352-305+351+338-309+310-403+235 K2CO3 (at time of manufacture) not detected
 Protect from atmospheric CO2.
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable



Potassium Hydroxide 1M PrimAg-TvR

in methanol

V7601

1LT V7601M KOH MW 56.11
 2½LT V7601L Nominal concentration 1M (1N) ±0.5% @ 20°C
 Dgr H:225-290-314-301+311+331-370 KOH 56.11 g/LT
 Solvent: CH3OH
 P:210-280-302+352-305+351+338-309+310-403+235 K2CO3 (at time of manufacture) not detected
 Protect from atmospheric CO2.
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable



Potassium Hydroxide 0.01M PrimAg-TvR

in propan-2-ol

V6850

1LT V6850M KOH MW 56.11
 2½LT V6850L Nominal concentration 0.01M (0.01N) ±0.5% @ 20°C
 Dgr H:225-319-336 KOH 0.5611 g/LT
 P:210-233-305+351+338 Solvent: (CH3)2CHOH
 K2CO3 (at time of manufacture) not detected
 Protect from atmospheric CO2.
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable



Potassium Hydroxide 0.1M PrimAg-TvR

in propan-2-ol

V5749

1LT V5749M KOH MW 56.11
 2½LT V5749L Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
 Dgr H:225-315-319-336 KOH 5.611 g/LT
 P:210-233-302+352-305+351+338 Solvent: (CH3)2CHOH
 K2CO3 (at time of manufacture) not detected
 Protect from atmospheric CO2.
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable



Potassium Iodate 0.1N PrimAg-TvR

V4217

1LT V4217M KIO3 MW 214.00
 2½LT V4217L Nominal concentration 0.1N (0.0167M) ±0.5% @ 20°C
 5LT V4217K KIO3 3.574 g/LT
 10LT V4217J Stabiliser: HgCl2 10 ppm
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable

Potassium Iodate 0.2N PrimAg-TvR

V5318

1LT V5318M KIO3 MW 214.00
 2½LT V5318L Nominal concentration 0.2N (0.0333M) ±0.5% @ 20°C
 5LT V5318K KIO3 7.126 g/LT
 10LT V5318J Stabiliser: HgCl2 10 ppm
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable

Potassium Iodate 0.3N PrimAg-TvR

V6439

1LT V6439M KIO3 MW 214.00
 2½LT V6439L Nominal concentration 0.3N (0.05M) ±0.5% @ 20°C
 5LT V6439K KIO3 10.70 g/LT
 10LT V6439J Stabiliser: HgCl2 10 ppm
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable



Potassium Iodate/Iodide 0.02N PrimAg-TvR

V6650

1LT V6650M KIO3 MW 214.00
 2½LT V6650L Nominal concentration KIO3 0.02N (0.00333M) ±0.5% @ 20°C
 KIO3 0.7126 g/LT
 KI 7.0 g/LT
 Stabiliser: NaHCO3 0.5 g/LT + HgCl2 10 mg/LT
 Application: BS 1427 (1962) Determination of sulphite in boiler water
 ISO17034 accreditedSI-traceable

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Potassium Methoxide 0.1M PrimAg-TvR in toluene/methanol 83:17

V5248

500ml V5248P
Dgr H:225-302+312+332-304-315-
336-361d-370
P:210-240-280f-301+310-302+352-
309+310-403-235

CH3OK FW 70.14
Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
CH3OK 7.014 g/LT
Solvent: C₆H₅CH₃/CH₃OH 83:17 v/v
Protect from atmospheric CO₂.



Application: Determination of weak carboxylic acids and their anhydrides, amides, imides and sulphonamides
ISO17034 accredited SI-traceable

Potassium Permanganate 0.02M PrimAg-TvR

V6743

1LT V6743M
2½LT V6743L
H:41
2
P:273

KMnO₄ MW 158.03
Nominal concentration 0.02M (0.1N) ±0.5% @ 20°C
KMnO₄ 3.161 g/LT
Store in dark.
Application: Reagent for volumetric titrimetry

ISO17034 accredited SI-traceable

Potassium Permanganate 0.035M PrimAg-TvR

V6563

1LT V6563M
2½LT V6563L
H:41
2
P:273

KMnO₄ MW 158.03
Nominal concentration 0.035M (0.175N) ±0.5% @ 20°C
KMnO₄ 5.531 g/LT
Store in dark.
Application: Reagent for volumetric titrimetry

ISO17034 accredited SI-traceable

Potassium Permanganate 0.01M/0.02M/0.04M PrimAg-TvR tri-concentrate

C7854

6x100ml C7854Q
H:41
1
P:273

KMnO₄ MW 158.03
0.2M (1N) nominal concentrate ±0.5% @ 20°C
KMnO₄ 31.61 g/LT



Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:

Dilute to 2.0LT yields 0.01M (0.05N)
Dilute to 1.0LT yields 0.02M (0.1N)
Dilute to 0.5LT yields 0.04M (0.2N)

Store in dark.

Application: Concentrate for volumetric titrimetry

ISO 17034 accredited SI-traceable

Pack contains 6 vials each containing 100ml of concentrate.

Potassium Permanganate 0.2M PrimAg-TvR

V5834

1LT V5834M
2½LT V5834L
H:41
1
P:273

KMnO₄ MW 158.03
Nominal concentration 0.2M (1N) ±0.5% @ 20°C
KMnO₄ 31.61 g/LT
Store in dark.
Application: Reagent for volumetric titrimetry



ISO17034 accredited SI-traceable

Potassium Thiocyanate 0.05M PrimAg-TvR

V6824

1LT V6824M
2½LT V6824L
5LT V6824K
10LT V6824J

KSCN MW 97.18
Nominal concentration 0.05M (0.05N) ±0.5% @ 20°C
KSCN 4.859 g/LT
Application: Reagent for volumetric titrimetry

ISO17034 accredited SI-traceable

Potassium Thiocyanate 0.1M PrimAg-TvR

V7835

1LT V7835M
2½LT V7835L
5LT V7835K
10LT V7835J

KSCN MW 97.18
Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
KSCN 9.718 g/LT
Application: Reagent for volumetric titrimetry

ISO17034 accredited SI-traceable

Sodium Dodecylbenzenesulphonate *M (see Dodecylbenzenesulphonic Acid sodium salt *M)

Sodium Lauryl Sulphate *M (see Sodium Dodecyl Sulphate *M)

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Silver Nitrate 0.001M PrimAg-TvR in propan-2-ol/water 90:10

V6529

1LT V6529M AgNO₃ MW 169.87
 2½LT V6529L Nominal concentration 0.001M (0.001N) ±0.5% @ 20°C
 Dgr H:225-319-336 AgNO₃ 0.1699 g/LT
 P:210-233-305+351+338 Solvent: (CH₃)₂CHOH/H₂O 90:10 v/v
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable



Silver Nitrate 0.01M PrimAg-TvR

V5476

1LT V5476M AgNO₃ MW169.87
 2½LT V5476L Nominal concentration 0.01M (0.01N) ±0.5% @ 20°C
 10LT V5476J AgNO₃ 1.699 g/LT
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable

Silver Nitrate 0.01M PrimAg-TvR in propan-2-ol/water 90:10

V7436

1LT V7436M AgNO₃ MW 169.87
 2½LT V7436L Nominal concentration 0.01M (0.01N) ±0.5% @ 20°C
 Dgr H:225-315-319-336-410 AgNO₃ 1.699 g/LT
 P:210-233-273-302+352-305+351+338 Solvent: (CH₃)₂CHOH/H₂O 90:10 v/v
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable



Silver Nitrate 0.02M PrimAg-TvR

V4018

1LT V4018M AgNO₃ MW169.87
 2½LT V4018L Nominal concentration 0.02M (0.02N) ±0.5% @ 20°C
 10LT V4018J AgNO₃ 3.397 g/LT
 Wng H:315-319-411 Application: Reagent for volumetric titrimetry
 P:273-302+352-305+351+338 ISO17034 accredited SI-traceable



Silver Nitrate 0.0282M PrimAg-TvR 1 ml = 1 mg Cl⁻

V5331

1LT V5331M AgNO₃ MW169.87
 2½LT V5331L Nominal concentration 0.0282M (0.0282N) ±0.5% @ 20°C
 10LT V5331J AgNO₃ 4.790 g/LT
 Wng H:315-319-411 Application: Reagent for volumetric titrimetry
 P:273-302+352-305+351+338 ISO17034 accredited SI-traceable



Silver Nitrate 0.05M PrimAg-TvR

V3674

1LT V3674M AgNO₃ MW169.87
 2½LT V3674L Nominal concentration 0.05M (0.05N) ±0.5% @ 20°C
 10LT V3674J AgNO₃ 8.494 g/LT
 Wng H:315-319-411 Application: Reagent for volumetric titrimetry
 P:273-302+352-305+351+338 ISO17034 accredited SI-traceable



Silver Nitrate 0.1M PrimAg-TvR

V6666

1LT V6666M AgNO₃ MW169.87
 2½LT V6666L Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
 10LT V6666J AgNO₃ 16.99 g/LT
 Wng H:315-319-411 Application: Reagent for volumetric titrimetry
 P:273-302+352-305+351+338 ISO17034 accredited SI-traceable



Silver Nitrate 0.05M/0.1M/0.2M PrimAg-TvR

C7777

6x100ml C7777Q **tri-concentrate**
 AgNO₃ MW 169.87
 Dgr H:314-410 1M (1N) nominal concentrate ±0.5% @ 20°C
 P:273-280c-301+330+331-305+351+338-309+310 AgNO₃ 169.9 g/LT
 Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:
 Dilute to 2.0LT yields 0.05M (0.05N)
 Dilute to 1.0LT yields 0.1M (0.1N)
 Dilute to 0.5LT yields 0.2M (0.2N)
 Application: Concentrate for volumetric titrimetry
 ISO 17034 accredited SI-traceable
 Pack contains 6 vials each containing 100ml of concentrate.



ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Silver Nitrate 0.25M PrimAg-TvR

V6785

1LT V6785M AgNO₃ MW169.87
 2½LT V6785L Nominal concentration 0.25M (0.25N) ±0.5% @ 20°C
 Wng H:315-319-410 AgNO₃ 42.47 g/LT
 P:273-302+352-305+351+338 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable



Silver Nitrate 1M PrimAg-TvR

V6752

500ml V6752P AgNO₃ MW169.87
 1LT V6752M Nominal concentration 1M (1N) ±0.5% @ 20°C
 2½LT V6752L AgNO₃ 169.9 g/LT
 Dgr H:314-410 Application: Reagent for volumetric titrimetry
 P:273-280c-301+330+331-305+351+338-309+310 ISO17034 accredited SI-traceable



Sodium Arsenite 0.0125M PrimAg-TvR

V6537

1LT V6537M NaAsO₂ MW129.91
 2½LT V6537L Nominal concentration 0.0125M (0.025N) ±0.5% @ 20°C
 5LT V6537K NaAsO₂ 1.624 g/LT
 10LT V6537J Application: Reagent for volumetric titrimetry
 Dgr H:350 ISO17034 accredited SI-traceable
 P:201-308+313



Sodium Arsenite 0.025M PrimAg-TvR

V5158

1LT V5158M NaAsO₂ MW129.91
 2½LT V5158L Nominal concentration 0.025M (0.05N) ±0.5% @ 20°C
 5LT V5158K NaAsO₂ 3.248 g/LT
 10LT V5158J Application: Reagent for volumetric titrimetry
 Dgr H:350-412 ISO17034 accredited SI-traceable
 P:201-273-308+313



Sodium Arsenite 0.05M PrimAg-TvR

V3780

1LT V3780M NaAsO₂ MW129.91
 2½LT V3780L Nominal concentration 0.05M (0.1N) ±0.5% @ 20°C
 5LT V3780K NaAsO₂ 6.496 g/LT
 10LT V3780J Application: Reagent for volumetric titrimetry
 Dgr H:350-412 ISO17034 accredited SI-traceable
 P:201-273-308+313



Sodium Carbonate 0.02M PrimAg-TvR

V5367

1LT V5367M Na₂CO₃ MW105.99
 2½LT V5367L Nominal concentration 0.02M (0.04N) ±0.5% @ 20°C
 5LT V5367K Na₂CO₃ 2.120 g/LT
 10LT V5367J Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable

Sodium Carbonate 0.5M PrimAg-TvR

V4500

1LT V4500M Na₂CO₃ MW105.99
 2½LT V4500L Nominal concentration 0.5M (1N) ±0.5% @ 20°C
 5LT V4500K Na₂CO₃ 53.00 g/LT
 10LT V4500J Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable

Sodium Chloride 0.01M PrimAg-TvR

V0456

1LT V0456M NaCl MW 58.44
 Nominal concentration 0.01M (0.01N) ±0.5% @ 20°C
 NaCl 0.5844 g/LT
 Application: Reagent for volumetric titrimetry
 ISO17034 accredited SI-traceable

Sodium Chloride 0.02M PrimAg-TvR

V2467

1LT V2467M NaCl MW58.44
 Nominal concentration 0.02M (0.02N) ±0.5% @ 20°C
 NaCl 1.169 g/LT
 Application: Reagent for volumetric titrimetry
 ISO 17034 accredited SI-traceable

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Sodium Chloride 0.1M PrimAg-TvR

V6453

1LT V6453M NaCl MW 58.44
 Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
 NaCl 5.844 g/LT
 Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable

Sodium Chloride 1M PrimAg-TvR

V3445

1LT V3445M NaCl MW 58.44
 Nominal concentration 1M (1N) ±0.5% @ 20°C
 NaCl 58.44 g/LT
 Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable

Sodium Dodecyl Sulphate 0.004M PrimAg-TvR

V7104

1LT V7104M **(Sodium Lauryl Sulphate 0.004M)**
 2½LT V7104L CH₃(CH₂)₁₁OSO₃.Na MW 288.38
 Nominal concentration 0.004M ±0.5% @ 20°C
 CH₃(CH₂)₁₁OSO₃.Na 1.154 g/LT
 Store at 15-25°C.
 Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable
Product may precipitate at low temperatures. Gentle warming of the container will redissolve the solid and will not affect the certified concentration.

Sodium Dodecyl Sulphate 0.05M PrimAg-TvR

V5306

1LT V5306M **(Sodium Lauryl Sulphate 0.05M)**
 2½LT V5306L CH₃(CH₂)₁₁OSO₃.Na MW 288.38
 Nominal concentration 0.05M ±0.5% @ 20°C
 CH₃(CH₂)₁₁OSO₃.Na 14.42 g/LT
 Store at 15-25°C.
 Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable
Product may precipitate at low temperatures. Gentle warming of the container will redissolve the solid and will not affect the certified concentration.

Sodium Dodecyl Sulphate 0.1M PrimAg-TvR

V6425

1LT V6425M **(Sodium Lauryl Sulphate 0.1M)**
 2½LT V6425L CH₃(CH₂)₁₁OSO₃.Na MW 288.38
 Nominal concentration 0.1M ±0.5% @ 20°C
 CH₃(CH₂)₁₁OSO₃.Na 28.84 g/LT
 Store at 15-25°C.
 Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable
Product may precipitate at low temperatures. Gentle warming of the container will redissolve the solid and will not affect the certified concentration.

Sodium Hydroxide 0.01M PrimAg-TvR

V5902

1LT V5902M NaOH MW 40.00
 2½LT V5902L Nominal concentration 0.01M (0.01N) ±0.5% @ 20°C
 5LT V5902K NaOH 0.4000 g/LT
 10LT V5902J Na₂CO₃ (at time of manufacture) not detected Protect from atmospheric CO₂.
 Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable

Sodium Hydroxide 0.02 M PrimAg-TvR

V6136

1LT V6136M NaOH MW 40.00
 2½LT V6136L Nominal concentration 0.02M (0.02N) ±0.5% @ 20°C
 5LT V6136K NaOH 0.8000 g/LT
 10LT V6136J Na₂CO₃ (at time of manufacture) not detected Protect from atmospheric CO₂.
 Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable

Sodium Hydroxide 0.04M PrimAg-TvR high accuracy

V9404

1LT V9404M NaOH MW 40.00
 2½LT V9404L Nominal concentration 0.04M (0.04N) ±0.01% @ 20°C
 NaOH 1.6000 g/LT
 Na₂CO₃ (at time of manufacture) not detected
 To maintain high accuracy protect from atmospheric CO₂.
 Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Sodium Hydroxide 0.05M PrimAg-TvR

V3573

1LT V3573M NaOH MW 40.00
 2½LT V3573L Nominal concentration 0.05M (0.05N) ±0.5% @ 20°C
 5LT V3573K NaOH 2.000 g/LT
 10LT V3573J Na₂CO₃ (at time of manufacture) not detected Protect from atmospheric CO₂.
 Application: Reagent for volumetric titrimetry
ISO 17034 accredited SI-traceable

Sodium Hydroxide 0.1M PrimAg-TvR

V6701

1LT V6701M NaOH MW 40.00
 2½LT V6701L Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
 5LT V6701K NaOH 4.000 g/LT
 10LT V6701J Na₂CO₃ (at time of manufacture) not detected Protect from atmospheric CO₂.
 Application: Reagent for volumetric titrimetry
ISO 17034 accredited SI-traceable

Sodium Hydroxide 0.05M/0.1M PrimAg-TvR di-concentrate

C7812

6x100ml C7812Q NaOH MW 40.00
 Dgr H:290-314 1M (1N) nominal concentrate ±0.5% @ 20°C
 P:280c-301+330+331-305+351+338- NaOH 40.00 g/LT
 310 Na₂CO₃ (at time of manufacture) not detected
 Protect from atmospheric CO₂.
 Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:
 Dilute to 2.0LT yields 0.05M (0.05N)
 Dilute to 1.0LT yields 0.1M (0.1N)
 Application: Concentrate for volumetric titrimetry
ISO 17034 accredited SI-traceable
 Pack contains 6 vials each containing 100ml of concentrate.

Sodium Hydroxide 0.111M PrimAg-TvR 1 ml = 1 mg lactic acid

V4153

1LT V4153M NaOH MW 40.00
 2½LT V4153L Nominal concentration 0.111M (0.111N) ±0.5% @ 20°C
 5LT V4153K NaOH 4.440 g/LT
 10LT V4153J Na₂CO₃ (at time of manufacture) not detected Protect from atmospheric CO₂.
 Application: Determination of acidity of milk products
ISO 17034 accredited SI-traceable

Sodium Hydroxide 0.125M PrimAg-TvR

V5428

1LT V5428M NaOH MW 40.00
 2½LT V5428L Nominal concentration 0.125M (0.125N) ±0.5% @ 20°C
 5LT V5428K NaOH 5.000 g/LT
 10LT V5428J Na₂CO₃ (at time of manufacture) not detected Protect from atmospheric CO₂.
 Wng H:290-315-319 Application: Reagent for volumetric titrimetry
 P:302+352-305+351+338 *ISO 17034 accredited SI-traceable*

Sodium Hydroxide 0.2M PrimAg-TvR

V6384

1LT V6384M NaOH MW 40.00
 2½LT V6384L Nominal concentration 0.2M (0.2N) ±0.5% @ 20°C
 5LT V6384K NaOH 8.000 g/LT
 10LT V6384J Na₂CO₃ (at time of manufacture) not detected Protect from atmospheric CO₂.
 Wng H:290-315-319 Application: Reagent for volumetric titrimetry
 P:302+352-305+351+338 *ISO 17034 accredited SI-traceable*

Sodium Hydroxide 0.2M PrimAg-TvR high accuracy

V9420

1LT V9420M NaOH MW 40.00
 2½LT V9420L Nominal concentration 0.2M (0.2N) ±0.01% @ 20°C
 Wng H:290-315-319 NaOH 8.0000 g/LT
 P:302+352-305+351+338 Na₂CO₃ (at time of manufacture) not detected
 To maintain high accuracy protect from atmospheric CO₂.
 Application: Reagent for volumetric titrimetry
ISO 17034 accredited SI-traceable

Sodium Hydroxide 0.25M PrimAg-TvR

V5217

1LT V5217M NaOH MW 40.00
 2½LT V5217L Nominal concentration 0.25M (0.25N) ±0.5% @ 20°C
 5LT V5217K NaOH 10.00 g/LT
 Wng H:290-315-319 Na₂CO₃ (at time of manufacture) not detected Protect from atmospheric CO₂.
 P:302+352-305+351+338 Application: Reagent for volumetric titrimetry
ISO 17034 accredited SI-traceable

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Sodium Hydroxide 0.313M PrimAg-TvR

V6061

1LT V6061M
2½LT V6061L
5LT V6061K
10LT V6061J
Wng H:290-315-319
P:302+352-305+351+338

NaOH MW 40.00
Nominal concentration 0.313M (0.313N) ±0.5% @ 20°C
NaOH 12.52 g/LT
Na₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable



Sodium Hydroxide 0.33M PrimAg-TvR

V4537

1LT V4537M
2½LT V4537L
5LT V4537K
10LT V4537J
Wng H:290-315-319
P:302+352-305+351+338

NaOH MW 40.00
Nominal concentration 0.33M (0.33N) ±0.5% @ 20°C
NaOH 13.20 g/LT
Na₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable



Sodium Hydroxide 0.5M PrimAg-TvR

V3858

1LT V3858M
2½LT V3858L
5LT V3858K
10LT V3858J
Dgr H:290-314
P:280c-301+330+331-305+351+338-310

NaOH MW 40.00
Nominal concentration 0.5M (0.5N) ±0.5% @ 20°C
NaOH 20.00 g/LT
Na₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable



Sodium Hydroxide 1M PrimAg-TvR

V6713

1LT V6713M
2½LT V6713L
5LT V6713K
10LT V6713J
Dgr H:290-314
P:280c-301+330+331-305+351+338-310

NaOH MW 40.00
Nominal concentration 1M (1N) ±0.5% @ 20°C
NaOH 40.00 g/LT
Na₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable



Sodium Hydroxide 0.5M/1M PrimAg-TvR di-concentrate

C7825

6x100ml C7825Q
Dgr H:290-314
P:280c-301+330+331-305+351+338-310

NaOH MW 40.00
10M (10N) nominal concentrate ±0.5% @ 20°C
NaOH 400.0 g/LT
Na₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:
Dilute to 2.0LT yields 0.5M (0.5N)
Dilute to 1.0LT yields 1M (1N)
Application: Concentrate for volumetric titrimetry
ISO 17034 accredited SI-traceable
Pack contains 6 vials each containing 100ml of concentrate.



Sodium Hydroxide 2M PrimAg-TvR

V5308

1LT V5308M
2½LT V5308L
5LT V5308K
10LT V5308J
Dgr H:290-314
P:280c-301+330+331-305+351+338-310

NaOH MW 40.00
Nominal concentration 2M (2N) ±0.5% @ 20°C
NaOH 80.00 g/LT
Na₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable



Sodium Hydroxide 4M PrimAg-TvR

V5357

1LT V5357M
2½LT V5357L
5LT V5357K
10LT V5357J
Dgr H:290-314
P:280c-301+330+331-305+351+338-310

NaOH MW 40.00
Nominal concentration 4M (4N) ±0.5% @ 20°C
NaOH 160.0 g/LT
Na₂CO₃ (at time of manufacture) not detected
Protect from atmospheric CO₂.
Application: Reagent for volumetric titrimetry



ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Sodium Hydroxide 5M PrimAg-TvR

V5576

1LT V5576M NaOH MW 40.00
 2½LT V5576L Nominal concentration 5M (5N) ±0.5% @ 20°C
 5LT V5576K NaOH 200.0 g/LT
 10LT V5576J Na₂CO₃ (at time of manufacture) not detected
 Dgr H:290-314 Protect from atmospheric CO₂.
 P:280c-301+330+331-305+351+338-310 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable



Sodium Hydroxide 9M PrimAg-TvR

V4734

1LT V4734M NaOH MW 40.00
 2½LT V4734L Nominal concentration 9M (9N) ±0.5% @ 20°C
 5LT V4734K NaOH 360.0 g/LT
 Dgr H:290-314 Na₂CO₃ (at time of manufacture) not detected
 P:280c-301+330+331-305+351+338-310 Protect from atmospheric CO₂.
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable



Sodium Hydroxide 10M PrimAg-TvR

V6326

1LT V6326M NaOH MW 40.00
 2½LT V6326L Nominal concentration 10M (10N) ±0.5% @ 20°C
 5LT V6326K NaOH 400.0 g/LT
 Dgr H:290-314 Na₂CO₃ (at time of manufacture) not detected
 P:280c-301+330+331-305+351+338-310 Protect from atmospheric CO₂.
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable



Sodium Thiosulphate 0.005M PrimAg-TvR

V2473

1LT V2473M Na₂S₂O₃ MW 158.11
 2½LT V2473L Nominal concentration 0.005M (0.005N) ±0.5% @ 20°C
 5LT V2473K Na₂S₂O₃ 0.7906 g/LT
 Stabiliser: Na₂CO₃ 0.2 g/LT
 Protect from atmospheric microbial contamination.
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable

Sodium Thiosulphate 0.01M PrimAg-TvR

V6360

1LT V6360M Na₂S₂O₃ MW 158.11
 2½LT V6360L Nominal concentration 0.01M (0.01N) ±0.5% @ 20°C
 5LT V6360K Na₂S₂O₃ 1.581 g/LT
 10LT V6360J Stabiliser: Na₂CO₃ 0.2 g/LT
 Protect from atmospheric microbial contamination.
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable

Sodium Thiosulphate 0.02M PrimAg-TvR

V1375

1LT V1375M Na₂S₂O₃ MW 158.11
 2½LT V1375L Nominal concentration 0.02M (0.02N) ±0.5% @ 20°C
 5LT V1375K Na₂S₂O₃ 3.162 g/LT
 10LT V1375J Stabiliser: Na₂CO₃ 0.2 g/LT
 Protect from atmospheric microbial contamination.
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable

Sodium Thiosulphate 0.025M PrimAg-TvR

V3682

1LT V3682M Na₂S₂O₃ MW 158.11
 2½LT V3682L Nominal concentration 0.025M (0.025N) ±0.5% @ 20°C
 5LT V3682K Na₂S₂O₃ 3.953 g/LT
 10LT V3682J Stabiliser: Na₂CO₃ 0.2 g/LT
 Protect from atmospheric microbial contamination.
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable

Sodium Thiosulphate 0.05M PrimAg-TvR

V5677

1LT V5677M Na₂S₂O₃ MW 158.11
 2½LT V5677L Nominal concentration 0.05M (0.05N) ±0.5% @ 20°C
 5LT V5677K Na₂S₂O₃ 7.906 g/LT
 10LT V5677J Stabiliser: Na₂CO₃ 0.2 g/LT
 Protect from atmospheric microbial contamination.
 Application: Reagent for volumetric titrimetry
 ISO17034 accreditedSI-traceable

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Sodium Thiosulphate 0.1M PrimAg-TvR

V7322

1LT V7322M Na₂S₂O₃ MW 158.11
 2½LT V7322L Nominal concentration 0.1M (0.1N) ±0.5% @ 20°C
 5LT V7322K Na₂S₂O₃ 15.81 g/LT
 10LT V7322J Stabiliser: Na₂CO₃ 0.2 g/LT
 Protect from atmospheric microbial contamination.
 Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

Sodium Thiosulphate 0.05M/0.1M/0.2M PrimAg-TvR

tri-concentrate

C8433

6x100ml C8433Q Na₂S₂O₃ MW 158.11
 1M (1N) nominal concentration ±0.5% @ 20°C
 Na₂S₂O₃ 158.1 g/LT
 Stabiliser: Na₂CO₃ 0.2 g/LT
 Protect from atmospheric microbial contamination.
 Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:
 Dilute to 2.0LT yields 0.05M (0.05N)
 Dilute to 1.0LT yields 0.1M (0.1N)
 Dilute to 0.5LT yields 0.2M (0.2N)
 Application: Concentrate for volumetric titrimetry
ISO 17034 accredited SI-traceable
 Pack contains 6 vials each containing 100ml of concentrate.

Sodium Thiosulphate 0.2M PrimAg-TvR

V4421

1LT V4421M Na₂S₂O₃ MW 158.11
 2½LT V4421L Nominal concentration 0.2M (0.2N) ±0.5% @ 20°C
 5LT V4421K Na₂S₂O₃ 31.62 g/LT
 10LT V4421J Stabiliser: Na₂CO₃ 0.2 g/LT
 Protect from atmospheric microbial contamination.
 Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

Sodium Thiosulphate 0.125M/0.25M/0.5M PrimAg-TvR

tri-concentrate

C5534

6x100ml C5534Q Na₂S₂O₃ MW 158.11
 2.5M (2.5N) nominal concentration ±0.5% @ 20°C
 Na₂S₂O₃ 395.3 g/LT
 Stabiliser: Na₂CO₃ 0.2 g/LT
 Protect from atmospheric microbial contamination.
 Dilution of the vial contents with distilled water using class A glassware gives the following working strengths:
 Dilute to 2.0LT yields 0.125M (0.125N)
 Dilute to 1.0LT yields 0.25M (0.25N)
 Dilute to 0.5LT yields 0.5M (0.5N)
 Application: Concentrate for volumetric titrimetry
ISO 17034 accredited SI-traceable
 Pack contains 6 vials each containing 100ml of concentrate.

Sodium Thiosulphate 1M PrimAg-TvR

V8024

1LT V8024M Na₂S₂O₃ MW 158.11
 2½LT V8024L Nominal concentration 1M (1N) ±0.5% @ 20°C
 5LT V8024K Na₂S₂O₃ 158.1 g/LT
 10LT V8024J Stabiliser: Na₂CO₃ 0.2 g/LT
 Protect from atmospheric microbial contamination.
 Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

Sulphuric Acid 0.005M PrimAg-TvR

V8443

1LT V8443M H₂SO₄ MW 98.07
 2½LT V8443L Nominal concentration 0.005M (0.01N) ±0.5% @ 20°C
 5LT V8443K H₂SO₄ 0.4904 g/LT
 10LT V8443J Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

Sulphuric Acid 0.01M PrimAg-TvR

V8554

1LT V8554M H₂SO₄ MW 98.07
 2½LT V8554L Nominal concentration 0.01M (0.02N) ±0.5% @ 20°C
 5LT V8554K H₂SO₄ 0.9807 g/LT
 10LT V8554J Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Sulphuric Acid 0.05M PrimAg-TvR

V8639

1LT V8639M H₂SO₄ MW98.07
 2½LT V8639L Nominal concentration 0.05M (0.1N) ±0.5% @ 20°C
 5LT V8639K H₂SO₄ 4.904 g/LT
 10LT V8639J Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

Sulphuric Acid 0.1M PrimAg-TvR

V8641

1LT V8641M H₂SO₄ MW98.07
 2½LT V8641L Nominal concentration 0.1M (0.2N) ±0.5% @ 20°C
 5LT V8641K H₂SO₄ 9.807 g/LT
 10LT V8641J Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

Sulphuric Acid 0.05M/0.1M/0.2M PrimAg-TvR

tri-concentrate

C8752

6x100ml C8752Q H₂SO₄ MW 98.07
 Wng H:290-315-319 1M (2N) nominal concentration ±0.5% @ 20°C
 P:302+352-305+351+338 H₂SO₄ 98.07 g/LT



Dilution of the vial contents with distilled water using class A glassware gives

the following working strengths:

Dilute to 2.0LT yields 0.05M (0.1N)

Dilute to 1.0LT yields 0.1M (0.2N)

Dilute to 0.5LT yields 0.2M (0.4N)

Application: Concentrate for volumetric titrimetry

ISO 17034 accredited SI-traceable

Pack contains 6 vials each containing 100ml of concentrate.

Sulphuric Acid 0.125M PrimAg-TvR

V7530

1LT V7530M H₂SO₄ MW98.07
 2½LT V7530L Nominal concentration 0.125M (0.25N) ±0.5% @ 20°C
 5LT V7530K H₂SO₄ 12.26 g/LT
 10LT V7530J Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

Sulphuric Acid 0.1275M PrimAg-TvR

V2386

1LT V2386M H₂SO₄ MW98.07
 2½LT V2386L Nominal concentration 0.1275M (0.255N) ±0.5% @ 20°C
 5LT V2386K H₂SO₄ 12.50 g/LT
 10LT V2386J Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

Sulphuric Acid 0.25M PrimAg-TvR

V6812

1LT V6812M H₂SO₄ MW 98.07
 2½LT V6812L Nominal concentration 0.25M (0.5N) ±0.5% @ 20°C
 5LT V6812K H₂SO₄ 24.52 g/LT
 10LT V6812J Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

Sulphuric Acid 0.5M PrimAg-TvR

V5345

1LT V5345M H₂SO₄ MW 98.07
 2½LT V5345L Nominal concentration 0.5M (1N) ±0.5% @ 20°C
 5LT V5345K H₂SO₄ 49.04 g/LT
 10LT V5345J Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

Sulphuric Acid 0.25M/0.5M/1M PrimAg-TvR

tri-concentrate

C5456

6x100ml C5456Q H₂SO₄ MW 98.07
 Dgr H:290-314 5M (10N) nominal concentration ±0.5% @ 20°C
 P:280c-301+330+331-305+351+338- H₂SO₄ 490.4 g/LT
 309+310



Dilution of the vial contents with distilled water using class A glassware gives

the following working strengths:

Dilute to 2.0LT yields 0.25M (0.5N)

Dilute to 1.0LT yields 0.5M (1N)

Dilute to 0.5LT yields 1M (2N)

Application: Concentrate for volumetric titrimetry

ISO 17034 accredited SI-traceable

Pack contains 6 vials each containing 100ml of concentrate.

Sulphuric Acid 1M PrimAg-TvR

V8700

1LT V8700M H₂SO₄ MW 98.07
 2½LT V8700L Nominal concentration 1M (2N) ±0.5% @ 20°C
 5LT V8700K H₂SO₄ 98.07 g/LT
 10LT V8700J Application: Reagent for volumetric titrimetry
 Wng H:290-315-319 *ISO17034 accredited SI-traceable*
 P:302+352-305+351+338



ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Sulphuric Acid 2M PrimAg-TvR

V8115

1LT V8115M H₂SO₄ MW 98.07
 2½LT V8115L Nominal concentration 2M (4N) ±0.5% @ 20°C
 5LT V8115K H₂SO₄ 196.1 g/LT
 10LT V8115J Application: Reagent for volumetric titrimetry
 Dgr H:290-314 *ISO17034 accredited SI-traceable*
 P:280c-301+330+331-305+351+338-309+310



Sulphuric Acid 2.5M PrimAg-TvR

V8236

1LT V8236M H₂SO₄ MW 98.07
 2½LT V8236L Nominal concentration 2.5M (5N) ±0.5% @ 20°C
 5LT V8236K H₂SO₄ 245.2 g/LT
 10LT V8236J Application: Reagent for volumetric titrimetry
 Dgr H:290-314 *ISO17034 accredited SI-traceable*
 P:280c-301+330+331-305+351+338-309+310



Sulphuric Acid 3M PrimAg-TvR

V7455

1LT V7455M H₂SO₄ MW 98.07
 2½LT V7455L Nominal concentration 3M (6N) ±0.5% @ 20°C
 5LT V7455K H₂SO₄ 294.2 g/LT
 10LT V7455J Application: Reagent for volumetric titrimetry
 Dgr H:290-314
 P:280c-301+330+331-305+351+338-309+310



Sulphuric Acid 4M PrimAg-TvR

V8665

1LT V8665M H₂SO₄ MW 98.07
 2½LT V8665L Nominal concentration 4M (8N) ±0.5% @ 20°C
 5LT V8665K H₂SO₄ 392.3 g/LT
 10LT V8665J Application: Reagent for volumetric titrimetry
 Dgr H:290-314 *ISO17034 accredited SI-traceable*
 P:280c-301+330+331-305+351+338-309+310



Sulphuric Acid 5M PrimAg-TvR

V6546

1LT V6546M H₂SO₄ MW 98.07
 2½LT V6546L Nominal concentration 5M (10N) ±0.5% @ 20°C
 5LT V6546K H₂SO₄ 490.4 g/LT
 10LT V6546J Application: Reagent for volumetric titrimetry
 Dgr H:290-314 *ISO17034 accredited SI-traceable*
 P:280c-301+330+331-305+351+338-309+310



Sulphuric Acid 12M PrimAg-TvR

V8912

1LT V8912M H₂SO₄ MW 98.07
 2½LT V8912L Nominal concentration 12M (24N) ±0.5% @ 20°C
 5LT V8912K H₂SO₄ 1177 g/LT
 10LT V8912J Application: Reagent for volumetric titrimetry
 Dgr H:290-314 *ISO17034 accredited SI-traceable*
 P:280c-301+330+331-305+351+338-309+310



Zinc Acetate 0.05M PrimAg-TvR

V6127

1LT V6127M (CH₃COO)₂Zn MW183.47
 2½LT V6127L Nominal concentration 0.05M (0.1N) ±0.5% @ 20°C
 5LT V6127K (CH₃COO)₂Zn 9.174 g/LT
 10LT V6127J Application: Reagent for volumetric titrimetry
ISO17034 accredited SI-traceable

ROMIL PrimAg®-TvR Traceable Volumetric Reagents Specifications

Sulphuric Acid 2M PrimAg-TvR

V8115

1LT V8115M H₂SO₄ MW 98.07
 2½LT V8115L Nominal concentration 2M (4N) ±0.5% @ 20°C
 5LT V8115K H₂SO₄ 196.1 g/LT
 10LT V8115J Application: Reagent for volumetric titrimetry
 Dgr H:290-314 *ISO17034 accreditedSI-traceable*
 P:280c-301+330+331-305+351+338-309+310



Sulphuric Acid 2.5M PrimAg-TvR

V8236

1LT V8236M H₂SO₄ MW 98.07
 2½LT V8236L Nominal concentration 2.5M (5N) ±0.5% @ 20°C
 5LT V8236K H₂SO₄ 245.2 g/LT
 10LT V8236J Application: Reagent for volumetric titrimetry
 Dgr H:290-314 *ISO17034 accreditedSI-traceable*
 P:280c-301+330+331-305+351+338-309+310



Sulphuric Acid 3M PrimAg-TvR

V7455

1LT V7455M H₂SO₄ MW 98.07
 2½LT V7455L Nominal concentration 3M (6N) ±0.5% @ 20°C
 5LT V7455K H₂SO₄ 294.2 g/LT
 10LT V7455J Application: Reagent for volumetric titrimetry
 Dgr H:290-314
 P:280c-301+330+331-305+351+338-309+310



Sulphuric Acid 4M PrimAg-TvR

V8665

1LT V8665M H₂SO₄ MW 98.07
 2½LT V8665L Nominal concentration 4M (8N) ±0.5% @ 20°C
 5LT V8665K H₂SO₄ 392.3 g/LT
 10LT V8665J Application: Reagent for volumetric titrimetry
 Dgr H:290-314 *ISO17034 accreditedSI-traceable*
 P:280c-301+330+331-305+351+338-309+310



Sulphuric Acid 5M PrimAg-TvR

V6546

1LT V6546M H₂SO₄ MW 98.07
 2½LT V6546L Nominal concentration 5M (10N) ±0.5% @ 20°C
 5LT V6546K H₂SO₄ 490.4 g/LT
 10LT V6546J Application: Reagent for volumetric titrimetry
 Dgr H:290-314 *ISO17034 accreditedSI-traceable*
 P:280c-301+330+331-305+351+338-309+310



Sulphuric Acid 12M PrimAg-TvR

V8912

1LT V8912M H₂SO₄ MW 98.07
 2½LT V8912L Nominal concentration 12M (24N) ±0.5% @ 20°C
 5LT V8912K H₂SO₄ 1177 g/LT
 10LT V8912J Application: Reagent for volumetric titrimetry
 Dgr H:290-314 *ISO17034 accreditedSI-traceable*
 P:280c-301+330+331-305+351+338-309+310



Zinc Acetate 0.05M PrimAg-TvR

V6127

1LT V6127M (CH₃COO)₂Zn MW183.47
 2½LT V6127L Nominal concentration 0.05M (0.1N) ±0.5% @ 20°C
 5LT V6127K (CH₃COO)₂Zn 9.174 g/LT
 10LT V6127J Application: Reagent for volumetric titrimetry
ISO17034 accreditedSI-traceable