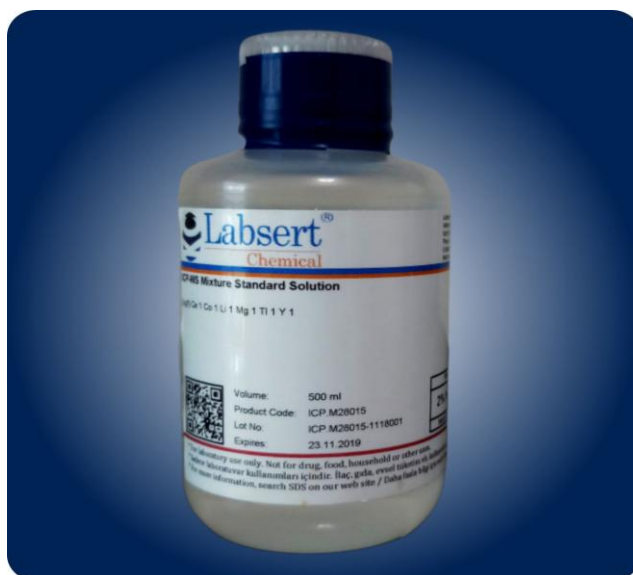


SPECTROSCOPY REFERENCE STANDARD SOLUTIONS



Spectrofotometer Reference Standards

Product No	Explanation	Matrix	Volume
UV100.TP1000.W	Reference Standard Solution - UV-Vis - Total Phosphorus in Water. Certified reference standard is suitable for SM 4500-P C,E and F methods.	Water	100 ml
UV100.CR1000.W	Reference Standard Solution - UV-Vis - Chromium (VI) in Water. Certified reference standard is suitable for SM 3500-Cr B method.	Water	100 ml
UV100.TN1000.W	Reference Standard Solution - UV-Vis - Total Nitrogen Standard sum of nitrate as N and ammonium as N in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM 4500-N	Water	100 ml
UV100.NH41000.W	Reference Standard Solution - UV-Vis - Ammonium from Ammonium Chloride in Water. This reference standard solution is suitable for SM-4500 NH3 D,E,F and G methods.	Water	100 ml
UV100.NH4N1000.W	Reference Standard Solution - UV-Vis - Ammonium as N Standard in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM Methods.	Water	100 ml
UV500.TP1000.W	Reference Standard Solution - UV-Vis - Total Phosphorus in Water. Certified reference standard is suitable for SM 4500-P C,E and F methods.	Water	500 ml
UV500.CR1000.W	Reference Standard Solution - UV-Vis - Chromium in Water. Certified reference standard is suitable for SM 3500-Cr B method.	Water	500 ml
UV500.TN1000.W	Reference Standard Solution - UV-Vis - Total Nitrogen Standard sum of nitrate as N and ammonium as N in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM 4500-N	Water	500 ml
UV500.NH41000.W	Reference Standard Solution - UV-Vis - Ammonium from Ammonium Chloride in Water. This reference standard solution is suitable for SM-4500 NH3 D,E,F and G methods.	Water	500 ml
UV500.NH4N1000.W	Reference Standard Solution - UV-Vis - Ammonium as N Standard in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM Methods.	Water	500 ml
UV100.CCN1000.W04SH	Reference Standard Solution - UV-Vis - Complex Cyanide in Water (0.4% NaOH). Certified reference standard is suitable for spectrophotometric and titrimetric analysis according to SM 4500-CN Methods.	Water	100 ml
UV500.CCN1000.W04SH	Reference Standard Solution - UV-Vis - Complex Cyanide in Water (0.4% NaOH). Certified reference standard is suitable for spectrophotometric and titrimetric analysis according to SM 4500-CN Methods.	Water	500 ml
UV100.TCN1000.W04SH	Reference Standard Solution - UV-Vis - Total Cyanide in Water (0.4% NaOH). Certified reference standard is suitable for spectrophotometric and titrimetric analysis according to SM 4500-CN Methods.	Water	100 ml
UV500.TCN1000.W04SH	Reference Standard Solution - UV-Vis - Total Cyanide in Water (0.4% NaOH). Certified reference standard is suitable for spectrophotometric and titrimetric analysis according to SM 4500-CN Methods.	Water	500 ml
UV100.FCN1000.W04SH	Reference Standard Solution - UV-Vis - Free Cyanide in Water (0.4% NaOH). Certified reference standard is suitable for spectrophotometric and titrimetric analysis according to SM 4500-CN Methods.	Water	100 ml
UV500.FCN1000.W04SH	Reference Standard Solution - UV-Vis - Free Cyanide in Water (0.4% NaOH). Certified reference standard is suitable for spectrophotometric and titrimetric analysis according to SM 4500-CN Methods.	Water	500 ml
UV100.HY1000.W04SH	Reference Standard Solution - UV-Vis - Hydrazine (From hydrazine sulfate) in Water (0.4 % NaOH). Certified reference standard is suitable for spectrophotometric analysis.	Water	100 ml
UV100.F1000.W	Reference Standard Solution - UV-Vis - Fluoride in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM-4500-F method.	Water	100 ml
UV500.F1000.W	Reference Standard Solution - UV-Vis - Fluoride in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM-4500-F method.	Water	500 ml
UV100.BR1000.W	Reference Standard Solution - UV-Vis - Bromide in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM-4500-Br method	Water	100 ml
UV500.BR1000.W	Reference Standard Solution - UV-Vis - Bromide in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM-4500-Br method	Water	500 ml
UV100.SCN1000.W	Reference Standard Solution - UV-Vis - Thiocyanate in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM-4500-CN method	Water	100 ml
UV500.SCN1000.W	Reference Standard Solution - UV-Vis - Thiocyanate in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM-4500-CN method	Water	500 ml
UV100.I1000.W	Reference Standard Solution - UV-Vis - Iodide in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM-4500-I- method.	Water	100 ml
UV500.I1000.W	Reference Standard Solution - UV-Vis - Iodide in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM-4500-I- method.	Water	500 ml
UV100.NO21000.W	Reference Standard Solution - UV-Vis - Nitrite in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM-4500-NO2 method.	Water	100 ml

Spectrofotometer Reference Standards

Product No	Explanation	Matrix	Volume
UV500.NO21000.W	Reference Standard Solution - UV-Vis - Nitrite in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM-4500-NO2 method.	Water	500 ml
UV100.NO2N1000.W	Reference Standard Solution - UV-Vis - Nitrite as N in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM-4500-NO2 method.	Water	100 ml
UV100.NO31000.W	Reference Standard Solution - UV-Vis - Nitrate in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM 4500-NO3 B method.	Water	100 ml
UV500.NO31000.W	Reference Standard Solution - UV-Vis - Nitrate in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM 4500-NO3 B method.	Water	500 ml
UV100.NO3N1000.W	Reference Standard Solution - UV-Vis - Nitrate as N in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM 4500-NO3 B method.	Water	100 ml
UV100.CU1000.W	Reference Standard Solution - UV-Vis - Copper in Water. Certified reference standard is suitable for spectrophotometric analysis.	Water	100 ml
UV500.CU1000.W	Reference Standard Solution - UV-Vis - Copper in Water. Certified reference standard is suitable for spectrophotometric analysis.	Water	500 ml
UV100.CA1000.W	Reference Standard Solution - UV-Vis - Calcium in Water. Value of calcium reference standard solution is based on its reaction with cresolphthalein complexone; mutual interference should be minimized by using 8-hydroxyquinoline for determination of Ca. Standard Working concentration ranges of 0.5-5 ppm for Ca.	Water	100 ml
UV500.CA1000.W	Reference Standard Solution - UV-Vis - Calcium in Water. Value of calcium reference standard solution is based on its reaction with cresolphthalein complexone; mutual interference should be minimized by using 8-hydroxyquinoline for determination of Ca. Standard Working concentration ranges of 0.5-5 ppm for Ca.	Water	500 ml
UV100.SO41000.W	Reference Standard Solution - UV-Vis - Sulfate in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM 4500-SO4 E method.	Water	100 ml
UV500.SO41000.W	Reference Standard Solution - UV-Vis - Sulfate in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM 4500-SO4 E method.	Water	500 ml
UV100.MG1000.W	Reference Standard Solution - UV-Vis - Magnesium in Water. Value of magnesium reference standard solution is based on its reaction with cresolphthalein complexone; mutual interference should be minimized by using ethylene glycol – bis(β- aminoethyl ether)-N,N,N',N' –tetraacetic acid (EGTA) for determination of Mg. Standard Working concentration ranges of 0.5-10 ppm for Mg.	Water	100 ml
UV500.MG1000.W	Reference Standard Solution - UV-Vis - Magnesium in Water. Value of magnesium reference standard solution is based on its reaction with cresolphthalein complexone; mutual interference should be minimized by using ethylene glycol – bis(β- aminoethyl ether)-N,N,N',N' –tetraacetic acid (EGTA) for determination of Mg. Standard Working concentration ranges of 0.5-10 ppm for Mg.	Water	500 ml
UV1.SO31000.W05EA	Reference Standard Solution - UV-Vis - Sulfite in Water (0.5% EDTA). Certified reference standard is suitable for spectrophotometric analysis according to SM 4500-SO3 method.	Water	1 ml
UV5.SO31000.W05EA	Reference Standard Solution - UV-Vis - Sulfite in Water (0.5% EDTA). Certified reference standard is suitable for spectrophotometric analysis according to SM 4500-SO3 method.	Water	5 ml
UV100.B1000.W	Reference Standard Solution - UV-Vis - Boron in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM 4500-B method.	Water	100 ml
UV500.B1000.W	Reference Standard Solution - UV-Vis - Boron in Water. Certified reference standard is suitable for spectrophotometric analysis according to SM 4500-B method.	Water	500 ml
UV100.AL1000.W	Reference Standard Solution - UV-Vis - Aluminium in Water. Certified reference standard is suitable for spectrophotometric analysis.	Water	100 ml
UV500.AL1000.W	Reference Standard Solution - UV-Vis- Aluminium in Water. Certified reference standard is suitable for spectrophotometric analysis.	Water	500 ml
UV5.S1000.W1SH	Reference Standard Solution - UV-Vis- Sulfide in Water. Certified reference standard is suitable for spectrophotometric analysis.	Water	5 ml
UV1.S1000.W1SH	Reference Standard Solution - UV-Vis- Sulfide in Water. Certified reference standard is suitable for spectrophotometric analysis.	Water	1 ml

All raw materials used for manufacture of reference materials are selected at high purity level. Following completion of manufacture, bottles are made ready for shipment by being placed in aluminum locked packages to minimize environmental effects and for extra protection.