



SMART Spectro & SMART 2 Colorimeter Reagent Systems

Test Factor	Test Method (# of reagents)	SMART Spectro Range ppm	SMART 2 Colorimeter Range ppm	# of Tests	Order Code	Shipping
Alkalinity UDV **	Unit Dose Vial (1)	0-200	0-200	50	4318-H	NH
Aluminum	Eriochrome Cyanine R (4)	0.00-0.30	0.00-0.30	50	3641-SC	NH
Ammonia Nitrogen (Fresh & Salt Water)	Salicylate (3)	0.00-1.00	0.00-1.00	25	3659-01-SC	R2
Ammonia Nitrogen HR	Nesslerization (2)	0.00-4.00	0.00-4.00	50	3642-SC	R1
Benzotriazole	UV Photolysis (4)	0-3.0	0-3.0	50	4047	R1
Biquinide	Colorimetric (1)	0-70	0-70	50	4044	NH
Boron	Azomethine-H (2)	0.00-0.80	0.00-0.80	50	4868	NH
Bromine LR	DPD Tablets (2)	0.00-9.00	0.00-9.00	100	3643-SC	NH
Bromine UDV **	Unit Dose Vial DPD (1)	0.0-22.0	0.0-22.0	50	4311-H	NH
Cadmium	PAN (4)	0.00-1.00	0.0-1.00	50	4017	R1
Calcium & Magnesium (Total) Hardness UDV **	Unit Dose Vial (1)	10-500	0-400	50	4309-H	NH
Carbohydrazide	Iron Reduction (3)	0.000-0.900	0.000-0.900	100	4857	R1
Chloride TesTab	TesTab (1)	0.0-30.0	0.0-30.0	50	3693-SC	NH
Chlorine	DPD Tablets (3)	0.00-4.00	0.00-4.00	100	3643-SC	NH
Chlorine - Free UDV **	Unit Dose Vial (1)	0.00-10.00	0.00-10.00	50	4311-H	NH
Chlorine - Liquid DPD	DPD (3)	0.00-4.00	0.00-4.00	144	4859	R1
Chlorine - Total UDV **	Unit Dose Vial (1)	0.00-10.00	0.00-10.00	50	4312-H	NH
Chlorine Dioxide	DPD tablet/Glycine (2)	0.00-7.00	0.00-8.00	50	3644-SC	NH
Chromium (Hexavalent)	Diphenylcarbohydrazide (1)	0.00-1.00	0.00-1.00	100	3645-SC	HA
Chromium TesTab	TesTab (1)	0-1.0	0-1.0	100	3889A-H	NH
Chromium (Total, Hex & Trivalent)	Diphenylcarbohydrazide (5)	0.00-1.00	0.00-1.00	100	3698-SC	HF
Cobalt	PAN (3)	0.00-2.00	0.00-2.00	50	4851	HF
COD LR with Mercury	Digestion (1)	0-150	5-150	25	0075-SC	R1
COD LR without Mercury	Digestion (1)	0-150	5-150	25	0072-SC	R1
COD SR with Mercury	Digestion (1)	0-1500	0-1500	25	0076-SC	R1
COD HR without Mercury	Digestion (1)	0-15,000	0-15,000	25	0074-SC	R1
COD SR without Mercury	Digestion (1)	0-1500	0-1500	25	0073-SC	R1
COD HR with Mercury	Digestion (1)	0-15,000	0-15,000	25	0077-SC	R1
Color	Platinum Cobalt (0)	0-1000	0-1000	∞	NA	NH
Copper BCA - LR	Bicinchoninic Acid (1)	0.00-3.50	0.00-3.50	50	3640-SC	NH
Copper - Cuprizone	Cuprizone (2)	0.00-2.00	0.00-2.00	50	4023	R1
Copper DDC	Diethyldithiocarbamate (1)	0.00-6.00	0.00-6.00	100	3646-SC	NH
Copper UDV **	Unit Dose Vial, Bicinchoninic acid (1)	0.0-4.0	0.0-4.0	50	4314-H	NH
Cyanide	Pyridine-Barbituric Acid (5)	0.00-0.50	0.00-0.5	50	3660-SC	R1
Cyanuric Acid	Melamine (1)	5-200	5-200	50	3661-SC	NH
Cyanuric Acid UDV **	Unit Dose Vial, Melamine (1)	0-150	5-150	50	4313-H	NH
DEHA	Iron Reduction (3)	0.000-0.700	0.000-0.700	100	4857	R1
Dissolved Oxygen (DO)	Winkler Colorimetric (3)	0.0-12.0	0.0-11.0	200	3688-SC	R1
Erythorbic Acid	Iron Reduction (3)	0.00-3.00	0.00-3.00	100	4857	R1
Fluoride	SPADNS (2)	0.00-2.00	0.00-2.00	50	3647-01-SC	R1

*Requires COD Heater Block, not included. See page 35 and COD Adapter Code 5-0087. ** Requires UDV Adapter 5-0086 and Accessory Package Code 1961 or 1962.



SMART Spectro & SMART 2 Colorimeter Reagent Systems

Test Factor	Test Method (# of reagents)	SMART Spectro Range ppm	SMART 2 Colorimeter Range ppm	# of Tests	Order Code	Shipping
Hydrazine	P-dimethylaminobenzaldehyde (2)	0.00-0.75	0.00-1.00	50	3656-SC	R2
Hydrogen Peroxide LR	DPD (2)	0.00-1.50	0.00-1.50	100	3662-SC	NH
Hydrogen Peroxide HR	DPD (2)	0-60	0-60	50	4045	NH
Hydrogen Peroxide Shock	DPD (2)	0-225	0-225	100	4045	NH
Hydroquinone	Iron Reduction (3)	0.00-1.80	0.00-2.00	100	4857	R1
Iodine	DPD Tablets (2)	0.00-14.00	0.00-14.00	100	3643-SC	NH
Iron - Bipyridyl	Bipyridyl (2)	0.00-6.00	0.00-6.00	50	3648-SC	R1
Iron UDV **	Unit Dose Vial Bipyridyl (1)	0.00-10.00	0.00-10.00	50	4315-H	NH
Iron - Phenanthroline	1,10 Phenanthroline (2)	0.00-4.50	0.00-5.00	50	3668-SC	R1
Lead	PAR (5)	0.00-5.00	0.00-5.00	50	4031	R1
Manganese LR	PAN (3)	0.00-0.70	0.00-0.70	50	3658-SC	HF
Manganese HR	Periodate (2)	0.0-15.0	0.0-15.0	50	3669-SC	R1
Mercury	TMK (3)	0.00-1.50	0.00-1.50	50	4861	HF
Methylethylketoxime	Iron Reduction (3)	0.00-3.00	0.00-3.00	100	4857	R1
Molybdenum HR	Thioglycolate (3)	0.0-15.0	0.0-50.0	50	3699-02-SC	R1
Nickel	Dimethylglyoxime (6)	0.00-8.00	0.00-8.00	50	3663-SC	HF
Nitrate Nitrogen LR	Cadmium Reduction (2)	0.00-3.00	0.00-3.00	20	3649-SC	R1
Nitrate TesTabs	Zinc Reduction (1)	0.0-60.0	0.0-60.0	50	3689-SC	NH
Nitrite Nitrogen LR	Diazotization (2)	0.00-0.80	0.00-0.80	20	3650-SC	NH
Nitrite TesTabs	Diazotization (1)	0.00-1.25	0.00-1.25	50	3886A-H	NH
Nitrogen, Total*	Chromotropic Acid/Digestion (6)	0-25 mg/L	0-25 mg/L	25	4026	R1
Ozone LR	Indigo Trisulfonate (3)	0.00-0.40	0.00-0.40	100	3651-SC	NH
Ozone HR	Indigo Trisulfonate (3)	0.00-2.50	0.00-2.50	20	3651-SC	NH
pH CPR (Chlorophenol Red)	Chlorophenyl Red (1)	pH 5.0-7.0	pH 5.0-6.8	100	3700-SC	NH
pH PR (Phenol Red)	Phenol Red (1)	pH 6.6-8.4	pH 6.6-8.4	100	3700-SC	NH
pH TB (Thymol Blue)	Thymol Blue (1)	pH 8.0-9.5	pH 8.0-9.6	100	3700-SC	NH
Phenol	Aminoantipyrine (3)	0.00-6.00	0.00-6.00	50	3652-SC	NH
Phosphate LR	Ascorbic Acid Reduction (2)	0.00-3.00	0.00-3.00	50	3653-SC	R2
Phosphate HR	Vanodomolybdovanadate Acid (1)	0.0-70.0	0.0-70.0	50	3655-SC	R1
Phosphorus, Total - LR*	Ascorbic Acid/Digestion (5)	0.00-3.50 mg/L	0.00-3.50 mg/L	25	4024	R1
Phosphorus, Total - HR*	Molybdovanadate/Digestion (5)	0.0-100.0 mg/L	0.0-100.0 mg/L	25	4025	R1
Potassium	Tetraphenylboron (2)	0.0-10.0	0.0-10.0	100	3639-SC	R1
Silica LR	Heteropoly Blue (4)	0.0-2.5	0.0-4.0	100	3664-SC	R1
Silica HR	Silicomolybdate (3)	0-50	0-75	50	3687-SC	R1
Sulfate HR	Barium Chloride (1)	5-100	5-100	100	3665-SC	R1
Sulfide LR	Methylene Blue (3)	0.00-1.00	0.00-1.50	50	3654-01-SC	R1
	Bromthymol Blue (3)	0-8.0	0-8.0	100	4876	HF
Tannin	Tungsto-Molybdophosphoric Acid (2)	0.0-10.0	0.0-10.0	50	3666-SC	R1
Tolytriazole	UV Oxidation/Dichromate (4)	0-30	0-30	50	4047	R1
Turbidity	Absorptimetric (0)	0-400 FTU	0-400 FTU	∞	NA	NH
Zinc LR	Zincon (6)	0.00-3.00	0.00-3.00	50	3667-SC	HF

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