



ENVIRONMENTAL EQUIPMENT AND FIELD SUPPLIES

LaMotte SMART2 Colorimeter Reagent Systems

Test Factor	Range ppm	Test Method (# of reagents)	# of Tests	Case Type	Order Code
Aluminum	0-0.3	Eriochrome Cyanine R (4)	50	C	3641-SC
Ammonia Nitrogen	0-1.0	Salicylate (3)	25	A	3659-SC
Ammonia Nitrogen	0-3.0	Nesslerization (2)	50	A	3642-SC
Bromine	0.00-10.00	DPD Tablets (2)	100	A	3643-SC
Chlorine	0.00-4.00	DPD Tablets (2)	100	A	3643-SC
Iodine	0.0-16.0	DPD Tablets (2)	100	A	3643-SC
Chlorine Dioxide	0-7.0	DPD Tablet/Glycine (2)	50	A	3644-SC
Chromium, Hexavalent	0.00-1.0	Diphenylcarbohydrazide (1)	100	C	3645-SC
Chromium, Total, Hexa- & Trivalent	0-1.0	Diphenylcarbohydrazide (1)	100	D	3698-SC
COD, Low	5-150	Digestion (mercury free)	50	D	5-3684-SC
COD, Low	5-150	Digestion (contains mercury)	50	D	5-0002-SC
COD, Standard	20-900	Digestion (mercury free)	50	D	5-3685-SC
COD, Standard	20-900	Digestion (contains mercury)	50	D	5-0003-SC
COD, High	100-4500	Digestion (mercury)	50	D	5-0007-SC
Copper	0-5.0	Diethyldithiocarbamate (1)	100	A	3646-SC
Copper	0-3.0	Bicinchoninic Acid (1)	50	A	3640-SC
Cyanide	0-0.5	Pyridine-Barbituric Acid (5)	50	C	3660-SC
Cyanuric Acid	5-200	Melamine(1)	50	C	3661-SC
Fluoride	0-2.0	SPADNS (2)	50	B	3647-SC
Hydrazine	0-1.0	P-dimethylaminobenzaldehyde (2)	50	A	3656-SC
Hydrogen Peroxide	0-1.5	DPD Tablets (2)	100	A	3662-SC
Iron	0-5.0	Bipyridyl (2)	50	A	3648-SC
Iron	0-6.0	1,10 Phenanthroline (2)	50	A	3668-SC
Manganese (LR)	0-0.9	PAN (3)	50	B	3658-SC
Manganese (HR)	0-10.0	Periodate (2)	50	A	3669-SC
Molybdenum	0-30	Thioglycolate (3)	50	B	3699-01-SC

Nickle	0-10.0	Dimethylglyoxime (6)	50	D	3663-SC
Nitrate Nitrogen	0-3.0	Cadmium Reduction (2)	20	A	3649-SC
Nitrite Nitrogen	0-0.7	Diazotization/Coupling (2)	20	A	3650-SC
Oxygen, Dissolved	0-12.5	Winkler Colorimetric (3)	200	A	3688-SC
Ozone	0-0.4	Indigo Trisulfonate (3)	100	D	3651-SC
pH	5.0-9.6	Colorimetric (3)	100	C	3700-SC
Phenols	0-6.0	4-Aminoantipyrine (3)	50	C	3652-SC
Phosphate (HR)	0-80.0	Molybdovanadate (1)	50	A	3655-SC
Phosphate (LR)	0.0-3.0	Ascorbic Acid Reduction (2)	50	A	3653-SC
Potassium	1.0-10.0	Tetraphenylboron (2)	100	A	3639-SC
Silica (LR)	0.4.0	Heteropoly Blue (4)	100	A	3664-SC
Silica (HR)	0-75	Silicomolybdate	50	A	3687-SC
Sulfate	0-100	Barium Chloride (1)	100	A	3665-SC
Sulfide	0-3.0	Methylene Blue (3)	50	B	3654-SC
Tannin	0-10	Tungsto-Molybdophosphoric Acid (2)	50	C	3666-SC
Turbidity	0-400	Absorptimetric	Unlimited	-	--
Zinc	0-3	Zincon (6)	50	D	3667-SC