

Chemical Test Kits

Method

Titrimetric tests are used to determine the substance concentration in solution. After the sample is treated with an indicator, a standard titrant is added until a color change indicates a completed reaction.

Direct Reading: The direct reading titrator is a 1.0 mL microburet calibrated to allow direct reading of the test result. Each titrator has a specific range, but may be refilled to test higher concentrations.

Dropper Bottle: Uses bottle tips which deliver a consistent standard drop size to add titrant to the sample. Number of drops used multiplied by a given factor determines the concentration.



Ordering Information

ITEM	DESCRIPTION	METHOD	RANGE/SENSITIVITY	# OF TEST
7182	Acidity	Dropper Bottle	1 drop=0.1 or 1.0%	50 at 10%
6662	Algae	Filter/extraction	Presence/Absence	50
4491-DR	Alkalinity	Direct Reading Titrator	0-200ppm/4ppm	50 at 200 ppm
7240-01	Alkalinity	Dropper Bottle	1 drop=10,25, or 50 ppm	100 at 500 ppm
3641-SC	Aluminum	Octet Comparator	0, 0.1, 0.15, 0.2, 0.25, 0.3, 0.4, 0.5 ppm	50
3304	Ammonia Nitrogen	Octet Comparator	0.0, 0.1, 0.2, 0.3, 0.4, 0.6, 0.8, 1.0 ppm	50
6824	Bromine/Chlorine	Octet Comparator	0.2, 0.4, 0.6, 0.8, 1.0, 1.5 2.0, 3.0 ppm	50
3624	Bromine/Chlorine	Direct Reading Titrator	0-10ppm / 0.2ppm	50 at 10 ppm
7839-01	Cadmium	Octet Comp. w/ Axial Reader	0.1 to 1.0ppm	20
7297-DR	Carbon Dioxide	Direct Reading Titrator	0-50ppm / 1.0ppm	50 at 50 ppm
7181	Caustic	Dropper Bottle	1 drop = 0.1 or 1%	50 at 10%
7143	Chelant	Dropper Bottle	1 drop = 5ppm EDTA or NTA	100
4503-DR-01	Chloride	Direct Reading Titrator	0-200ppm/4ppm; 0-20,00ppm/400ppm	50 at 200 ppm
6817	Chlorine (Free&Total)	Octet Comparator	0.2, 0.4, 0.6, 0.8, 1.0, 1.5, 2.0, 3.0 ppm	50
7105-02	Chlorine Bleach	Direct Reading Titrator	0-10% / 0.2%	50 at 10%
3622	Chlorine Dioxide	Octet Comp. w/ Axial Reader	0 - 5.0 ppm (up to 10.00 by dilution method)	50
4430	Chromate	Octet comparator	5, 10, 15, 20, 25, 30, 35, 40 ppm	50
7678-01	Chromium	Octet Comparator	0.1, 0.2, 0.4, 0.6, 0.8, 1.0, 1.2, 1.5 ppm	20
4-3616	Coliform	Tableted Nutrient based on 5 tubes MPN	Presence/Absence	1
3528	Color	Octet Comparator	0, 20, 50, 80, 110, 140, 170, 200 ppm	unlimited
6616	Copper	Octet Comp. w/ Axial Reader	0, 0.05, 0.10, 0.15, 0.20, 0.30, 0.40, 0.50 ppm	50
4227-R	Fluoride	Octet Comp. w/ Axial Reader	0.2, 0.4, 0.6, 0.8, 1.0, 1.2, 1.4, 1.6 ppm	50