

Chloride Test Kit

High Range, 0-400mg/L Chloride

- 1 Fill the plastic measuring tube full with the water that is to be tested. Pour it into the mixing bottle.
- 2 Add the contents of one Chloride 2 Indicator Powder Pillow. Swirl to mix as shown in Figure 1.
- 3 Add the Silver Nitrate Titrant drop by drop to the water in the mixing bottle. Hold the dropper in a vertical position and swirl the bottle to mix after each drop is added. Count each drop as it is added until the water changes from yellow to orange in color. (An orange- red, rust color indicates the end point has been exceeded.)

WARNING: The chemicals in this kit may be hazardous to the health and safety of the user if inappropriately handled. Please read all warnings before performing the test and use appropriate safety equipment.

- 4 To obtain the chloride content of the water in mg/L as Cl multiply the number of drops that were added by 20.
- 5 To express the results as mg/L sodium chloride (NaCl), multiply the mg/L chloride found in the test by 1.6.

Low Range, 0-100mg/L Chloride

- 2 Add the contents of one Chloride 2 Indicator Powder Pillow. Swirl to mix as shown in Figure 1.
- 3 Add the Silver Nitrate Titrant drop by drop to the water in the mixing bottle. Hold the dropper in a vertical position and swirl the bottle to mix after each drop is added. Count each drop as it is added until the water changes from yellow to orange in color. (An orange- red, rust color indicates the end point has been exceeded.)
- 4 To obtain the chloride content of the water in mg/L as Cl multiply the number of drops that were added by 20.
- 5 To express the results as mg/L sodium chloride (NaCl), multiply the mg/L chloride found in the test by 1.6.

TEST RESULTS EVALUATION CHART

ppm	5	10	20	40	75	150	300	above 300
NO BLOW DOWN							BLOW DOWN	

REPLACEMENTS

Cat. No.	Description	Unit
1043-99	Chloride 2 Indicator Powder Pillows	pk/100
23498-37	Silver Nitrate Titrant	118 mL (4oz) MDB*
438-00	Measuring Tube	each
2327-06	Mixing Bottle, with 23 mL mark	pk/6
936-00	Clippers, small	each
14000-14	Sodium Chloride standard Solution, 298 mg/L as Cl, 491 mg/L as NaCl (not included in test kit)	118mL

*Marked Dropping Bottle

It is suggested that reagent accuracy be checked from time to time by using a reliable standard, such as the Sodium Chloride Standard Solution, Cat. No. 14400-14 listed under Replacements. Follow regular instructions using the standard

solution instead of a sample.