



Chloride Test Kit

8-P (144001)

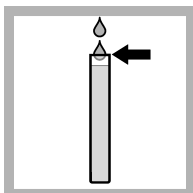
DOC326.97.00108

Test preparation

CAUTION: Review the Safety Data Sheets (MSDS/SDS) for the chemicals that are used. Use the recommended personal protective equipment.

- Hold the dropper vertically above the sample. Do not let the dropper touch the bottle during the titration.
- Rinse the tubes and bottles with sample before the test. Rinse the tubes and bottles with deionized water after the test.
- Keep the silver nitrate titrant solution in the closed test kit case when not in use. The titrant solution slowly decomposes in light.
- To verify the test accuracy, use a standard solution as the sample.
- To record the test result as mg/L sodium chloride (NaCl), multiply the chloride result by 1.65.

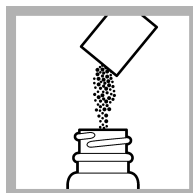
Test procedure—Chloride (0–400 mg/L Cl⁻)



1. Fill the measuring tube with sample.



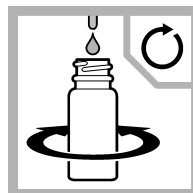
2. Pour the sample into the mixing bottle.



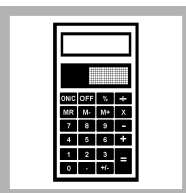
3. Add one Chloride 2 Indicator Powder Pillow.



4. Turn the bottle left and right to mix.

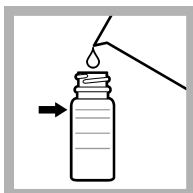


5. Add the Silver Nitrate Titrant Solution by drops. Mix after each drop. Count the drops until the color changes to red-brown.

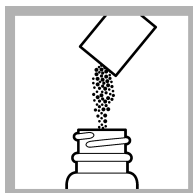


6. Multiply the total number of drops by 20 to get the result in mg/L.

Test procedure—Chloride (0–100 mg/L Cl⁻)



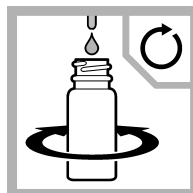
1. Fill the bottle to the 23-mL mark with sample.



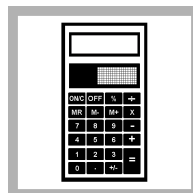
2. Add one Chloride 2 Indicator Powder Pillow.



3. Turn the bottle left and right to mix.



4. Add the Silver Nitrate Titrant Solution by drops. Mix after each drop. Count the drops until the color changes to red-brown.



5. Multiply the total number of drops by 5 to get the result in mg/L.

Replacement items

NOTE: Product and Article numbers may vary for some selling regions. Contact the appropriate distributor or refer to the company website for contact information.

Description	Unit	Item no.
Chloride 2 Indicator Powder Pillows	100/pkg	104399
Chloride Titrant, Silver Nitrate, 0.0493 N	100 mL MDB	2349832
Bottle, square, 29 mL, with 10, 15, 20 and 23-mL marks	6/pkg	232706
Measuring tube, plastic, 5.83 mL	each	43800

Optional items

Description	Unit	Item no.
Chloride standard solution, 100 mg/L Cl ⁻	1000 mL	2370853
Water, deionized	500 mL	27249

