



High Range Chlorine Test

10 to 200 mg/L Cl_2

For test kit 2444400 (Model CN-21P)

DOC326.98.00013

Additional copies available on www.hach.com

Test preparation

- Rinse tube with the sample water before testing. Rinse tube and bottle with deionized water after testing.
- Accuracy is not affected by undissolved powder.

CAUTION: Handle chemical standards and reagents carefully. Review Material Safety Data Sheets for safe handling, storage and disposal information.

Replacement items

Description	Unit	Catalog no.
Bottle, square mixing	6/pkg	43906
Measuring Tube, plastic, 5.83 mL	each	43800
Reagent Set, chlorine total (0 to 200 mg/L)	100 tests/pkg	2437700
Includes:		
Potassium Iodide Powder Pillows	100/pkg	107799
Sodium Thiosulfate Standard Solution, 0.0246 N	100 mL MDB ¹	2409232
Sulfamic Acid Powder Pillows	100/pkg	105599

¹Marked dropping bottle

Optional items

Description	Unit	Catalog no.
Deionized Water	500 mL	27249

Note: Very high organic matter content may make the endpoint difficult to detect.



1. Fill the plastic measuring tube to the top with sample.

Pour the sample into the bottle.

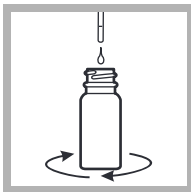


2. Add one Potassium Iodide Powder Pillow to the bottle. Swirl to mix.



3. Add one Sulfamic Acid Powder Pillow to the bottle. Swirl to mix.

A yellow color will develop if chlorine is present.



4. Add Sodium Thiosulfate Solution by drops. Count the drops until the color changes from yellow to colorless. Swirl to mix after each drop.



5. The number of drops multiplied by 10 is equal to the test result in mg/L chlorine.