



Chlorine Dioxide Test Kit

CLD-2 (2842800)

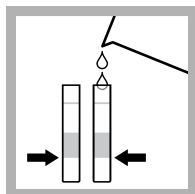
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Test preparation

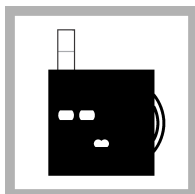
CAUTION: ⚠ *Review the Safety Data Sheets (MSDS/SDS) for the chemicals that are used. Use the recommended personal protective equipment.*

- Analyze samples immediately after collection.
- Put the color disc on the center pin in the color comparator box (numbers to the front).
- Use sunlight or a lamp as a light source to find the color match with the color comparator box.
- Rinse the tubes with sample before the test. Rinse the tubes with deionized water after the test.
- If the color match is between two segments, use the value that is in the middle of the two segments.
- If the color disc becomes wet internally, pull apart the flat plastic sides to open the color disc. Remove the thin inner disc. Dry all parts with a soft cloth. Assemble when fully dry.
- Undissolved reagent does not have an effect on test accuracy.
- The glycine reagent removes 6 mg/L chlorine from the sample.

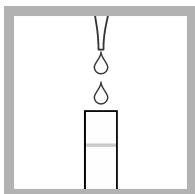
Test procedure—Chlorine dioxide (0–2 mg/L ClO₂)



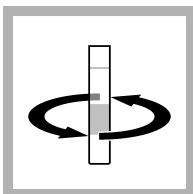
1. Fill two tubes to the first line (5 mL) with sample.



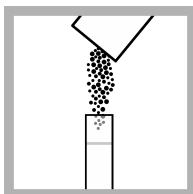
2. Put one tube into the left opening of the color comparator box.



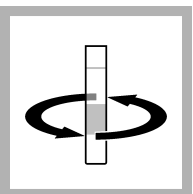
3. Add 2 drops of glycine reagent to the second tube.



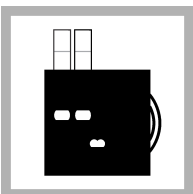
4. Swirl to mix.



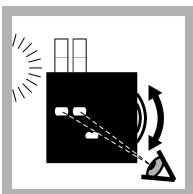
5. Add one DPD Free Chlorine Reagent Powder Pillow to the same tube.



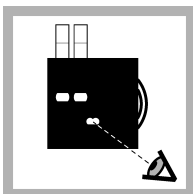
6. Swirl to mix. A pink color develops.



7. Put the second tube into the color comparator box.



8. Hold the color comparator box in front of a light source. Turn the color disc to find the color match.



9. Read the result in mg/L in the scale window.

Replacement items

Description	Unit	Item no.
DPD Free Chlorine Reagent Powder Pillows, 5 mL	100/pkg	1407799
Glycine reagent	29 mL	2762133
Color disc, chlorine dioxide, 0–2.0 mg/L	each	9267700
Color comparator box	each	173200
Plastic viewing tubes, 18 mm, with caps	4/pkg	4660004

Optional items

Description	Unit	Item no.
Caps for plastic viewing tubes (4660004)	4/pkg	4660014
Glass viewing tubes, glass, 18 mm	6/pkg	173006
Stoppers for 18-mm glass tubes and AccuVac Ampuls	6/pkg	173106
Water, deionized	500 mL	27249

