

6 Wait 5 minutes.
7 Compare the color of the sample to the BOD Color Chart (5889-CC). The difference between the Dissolved Oxygen result and the BOD result is the Biochemical Oxygen Demand. Record the result as ppm BOD.



WARNING! This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.



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1 Fill a small test tube (0125) to overflowing with sample water.



2 Cap and wrap the tube with aluminum foil and store it in a dark place at room temperature for 5 days.



3 Unwrap the tube. Add two Dissolved Oxygen TesTabs® (3976) to the test tube.



4 Cap the tube. Be sure no air bubbles are in the sample.



5 Mix by inverting until the tablets have disintegrated (about 4 minutes).



Biochemical BOD oxygen demand

phosphate

1 Fill the test tube (0106) to the 5 mL line.



2 Add one Phosphorus TesTab® (5422).



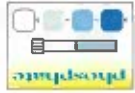
3 Cap the tube & mix until the tablet has disintegrated.



4 Wait 5 minutes.



5 Compare the color of the sample to the Phosphate Color Chart (5892-CC). Record the result as ppm Phosphate.



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 7.06

6 Compare the color of the sample to the Dissolved Oxygen Color Chart (6663). Record the result as ppm Dissolved Oxygen.



5 Wait 5 minutes.



1 Fill a small test tube (0125) to overflowing with sample water.



2 Add two Dissolved Oxygen TesTabs® (3976) to the test tube.



3 Cap the tube. Be sure no air bubbles are in the sample.



4 Mix by inverting until the tablets have disintegrated (about 4 minutes).



dissolved oxygen

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 5/18



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4 Compare the color of the sample to the pH Color Chart (5890-CC). Record the result as pH.



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 R 5/08

1 Fill the test tube (0106) to the 10 mL line.



2 Add one pH Wide Range TesTab® (6459).



3 Cap the tube & mix until the tablet has disintegrated.



P/WIDE RANGE



5 Cap the tube & mix for two minutes to disintegrate the tablet.

6 Wait 5 minutes. Remove the Protective Sleeve.



7 Compare the color of sample to the Nitrate Color Chart (5891-CC). Record the result as ppm Nitrate.

NOTE: Nitrate #2 CTA Tablets (NN-37037A) are sensitive to UV light. The Protective Sleeve (0106-FP) will protect the reaction from UV light. If testing outdoors, there is no need to use the Protective Sleeve in this procedure.

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 R 1/20

1 Fill the test tube (0106) to the 5 mL line.



2 Add one Nitrate #1 TesTab® (2799).



3 Cap the tube & mix until the tablet has disintegrated.



4 Add one Nitrate #2 CTA TesTab® (NN-3703). Immediately slide the tube into the Protective Sleeve (0106-FP).



nitrate