





| QUANTITY | CONTENTS | CODE | |
|---|--|-----------|--|
| 10 g | Potassium Iodide Crystals | 6809-D |  <p>*Reagent is a potential health hazard. READ SDS: lamotte.com</p> <p>Emergency information: Chem-Tel USA 1-800-255-3924 Int'l, call collect, 813-248-0585</p> <div></div> |
| 30 mL | *Starch Indicator Solution | *4170WT-G | |
| 60 mL | Peroxide Titrant | 7139-H | |
| 60 mL | *Acidified Catalyst | *7140-H | |
| 1 | Test Tube, 5-10-15-20-25-30 mL, plastic, w/cap | 0715 | |
| 1 | Spoon, 0.1g, plastic | 0699 | |
| To order individual reagents or test kit components, use the specified code number. | | | |

PROCEDURE

1. Rinse and fill the test tube [0715] to 25 mL line with sample solution.
2. Add 10 drops of *Acidified Catalyst [7140]. Swirl to mix.
3. Use the 0.1g spoon to add one level spoonful of Potassium Iodide Crystals [6809]. Swirl until crystals dissolve. Solution will turn a yellow to brown color if hydrogen peroxide is present.
4. Add 5 drops of *Starch Indicator Solution [4170WT]. Swirl to mix. Solution will turn light to dark bluish purple.
5. While gently swirling the tube, add Peroxide Titrant [7139] one drop at a time, until color disappears. Count the number of drops added. Hold bottle vertically.
6. Multiply the number of drops used in Step 5 by 5. Record as ppm Hydrogen Peroxide [H₂O₂].