

HYDROGEN PEROXIDE KIT

Code 7150-01 | Drop Count, 1 drop = 0.5%



QUANTITY	CONTENTS	CODE
10g	Potassium Iodide Crystals	6809-D
30 mL	Starch Indicator Solution	4170WT-G
60 mL	Peroxide % Titrant	7456WT-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	0699
1	Pipet, 0.5 mL, plastic	0353

To order individual reagents or test kit components, use the specified code number.



*Reagent is a potential health hazard. **READ SDS:** lamotte.com
Emergency information:
Chem-Tel USA 1-800-255-3924
Int'l, call collect, 813-248-0585



PROCEDURE

1. Fill test tube [0715] to 5 mL line with tap water.
2. Use 0.5 mL pipet to add 0.5 mL of sample to test tube [0715].
3. Add 10 drops of *Acidified Catalyst [7140]. Swirl to mix.
4. Use the 0.1g spoon to add one measure of Potassium Iodide Crystals [6809]. Swirl until dissolved. Solution will turn yellow or brown if hydrogen peroxide is present.
5. Add 5 drops of Starch Indicator [4170]. Swirl to mix. Solution will turn bluish to purple or brown.
6. While gently swirling tube, add Peroxide % Titrant [7456WT] one drop at a time, until color disappears. Count the number of drops added. Hold bottle vertically.
7. Multiply the number of drops used in Step 6 by 0.5. Record as percent [%] Hydrogen Peroxide [H₂O₂].