

HYDROGEN PEROXIDE KIT

Code 7138-DB-01 | Drop Count, 1 drop = 5 ppm



QUANTITY	CONTENTS	CODE
10 g	Potassium Iodide Crystals	6809-D
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



*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



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].