

Hydrogen Peroxide Test Kit

KS-0091B/5

1 Drop = 5 ppm H₂O₂

1. Fill the graduated reaction vial (PS-1060) to 13 mL using the syringe (PS-0202).
2. Add 10 drops of KI Solution (RS-0005) and mix by swirling.
3. Add 10 drops of Phosphoric Acid Reagent (RS-0012) and mix by swirling.
4. Add 5 drops of Ammonium Molybdate Reagent (RS-0024) and mix by swirling.
5. Add 5 drops of Starch Indicator Solution (RS-0008) and mix by swirling. The solution will turn brown.
6. Titrate with Sodium Thiosulfate 0.10 N Solution (RS-0002), drop by drop, mixing after each drop until the sample turns colorless passing through blue.

**If PAA is present this test will return the combined oxidants*

$$\text{ppm H}_2\text{O}_2 = \# \text{ of Drops of Titrating Solution Used to Change the Color} \times 5$$

Replacement Reagents & Parts

RS-0002	2oz	Sodium Thiosulfate 0.10 N Solution
RS-0005	2oz	Potassium Iodide (KI) Solution
RS-0012	2oz	Phosphoric Acid Reagent
RS-0024	2oz	Ammonium Molybdate Reagent
RS-0008	2oz	Starch Indicator Solution
PS-0202	Each	12 mL Syringe
PS-1060	Each	Graduated Reaction Vial
PW-1110	Each	Test Kit Box w/ Foam Insert & Bottom Foam Pad