

# Richard hourigan, inc.

---

Responding to the needs of industry since 1973

## Instructions

---

### Instruction Number: 5067W

#### DROP TEST SULFITE, SODIUM

#### COMPONENTS:

##### Sulfite, Sodium

- |               |  |
|---------------|--|
| 1 x 5067W     | Instruction  |
| 1 x 9198W     | Sample Tube, Graduated, 25 mL, plastic w/cap and white dot |
| 1 x R-0638W-C | Phenolphthalein Indicator (white cap), 2 oz, DB            |
| 1 x R-0699-C  | Iodide Iodate Reagent, 2 oz, DB                            |
| 1 x R-0725-I  | Acid Starch Indicator Powder, 10 g                         |

TO ORDER REPLACEMENT PARTS AND REAGENTS CALL TOLL-FREE  
877-7WATER6 (877-792-8376) or [email us](#) with your requirements.

#### PROCEDURE:

CAREFULLY READ AND FOLLOW PRECAUTIONS ON REAGENT LABELS.  
KEEP REAGENTS AWAY FROM CHILDREN.

##### Sulfite, Sodium (Drop Test)

1. Collect water to be tested in a clean, preferably large-mouthed, bottle to overflowing. Immediately cap and cool to room temperature.
2. Rinse and fill 25 mL sample tube (#9198W) to 25 mL mark with cooled (room temperature) water to be tested.
3. Add 1 drop R-0638W Phenolphthalein Indicator. Swirl to mix. Sample should turn red.
4. Add R-0725 Acid Starch Indicator Powder, a dipper at a time, swirling after each dipper, until color changes from red to colorless. Add 2 more dippers. Swirl until dissolved.
5. Add R-0699 Iodide Iodate Reagent dropwise, swirling and counting after each drop, until color changes from colorless to a faint but permanent blue. Always hold bottle in vertical position.
6. Multiply drops of R-0699 Iodide Iodate Reagent by 10. Record as parts per million (ppm) sodium sulfite.

