

SULFITE KIT

Code 7132-01 | DROP COUNT, 1 DROP = 2, 5, 10 mL



SIZE	CONTENTS	CODE
15 mL	*Phenolphthalein Indicator, 0.5%	*2258-E
10 g	*Starch Acid Indicator Powder	*6385-D
60 mL	Iodide Iodate	2779WT-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.



Warning! This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully.
Not to be used by children except under adult supervision.

PROCEDURE

1. Rinse test tube [0715] with sample water. Fill with desired sample size selected from table.

SAMPLE SIZE	EQUIVALENCE (ppm Per Drop)
25 mL	1 drop = 2 ppm
10 mL	1 drop = 5 ppm
5 mL	1 drop = 10 ppm

2. Add 1 drop of *Phenolphthalein Indicator, 0.5% [2258]. Swirl to mix. If pink, use the 0.1g spoon [0699] to add *Starch Acid Indicator Powder [6385], one spoonful at a time, swirling after each spoonful, until pink color disappears. If solution is colorless, proceed to Step 3.
3. Use the 0.1g spoon [0699] to add 1 spoonful of *Starch Acid Indicator Powder [6385]. Swirl to mix.
4. While gently swirling tube, add Iodide Iodate [2779WT], one drop at a time, until solution turns blue. Count the number of drops added. Hold dropper bottle vertically.
5. Multiply number of drops used in Step 4 as follows:

25 mL sample: multiply by 2

10 mL sample: multiply by 5

5 mL sample: multiply by 10

6. Record as ppm Sulfite [SO₃].

NOTE: To convert to ppm Sodium Sulfite [Na₂SO₃], multiply final result by 1.58.