



LaMotte

SULFIDE TEST KIT

MODEL P-70 • CODE 4456

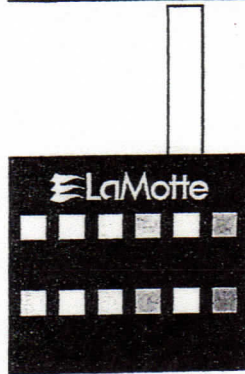
QUANTITY	CONTENTS	CODE
30 mL	*Sulfide Reagent A	*4458-G
15 mL	*Sulfide Reagent B	*4459-E
60 mL	Sulfide Reagent C	4460-H
2	Test Tubes, 5 mL, glass, w/caps	0230
1	Pipet, 1.0 mL, plastic	0354
1	Sulfide Comparator, 0.2-20.0 ppm	4457

***WARNING:** Reagents marked with an * are considered hazardous substances. To view or print a Material Safety Data Sheet (MSDS) for these reagents see MSDS CD or our web site. To obtain a printed copy, contact us by e-mail, phone or fax.

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

NOTE: Collect sample with a minimum of aeration and analyze promptly.

USE OF THE OCTET COMPARATOR



The Octet comparator contains eight permanent color standards. A test sample is inserted into the openings in the top of the comparator. The sample can then be compared to four color standards at once, and the value read off the comparator. For optimum color comparison, the comparator should be positioned between the operator and a light source, so that the light enters through the special light-diffusing screen in the back of the comparator. Avoid viewing the comparator against direct sunlight or an irregularly lighted background.

EPA ACCEPTED PROCEDURE

A known concentration of sulfide in the range of 0.2-20.0 ppm S⁻² may be prepared as a check standard by referring to APHA *Standard Methods* 4500-S⁻²-D, 17th Ed., 1989. Run this test on the check standard. If the test result is incorrect, discard the old reagents and order the reagent refill package.

PROCEDURE

1. Fill test tube (0230) to line with sample water.
2. Add 15 drops of *Sulfide Reagent A (4458). Cap and gently invert to mix.
3. Add 3 drops of *Sulfide Reagent B (4459). Cap and mix. Wait 1 minute.
4. Use the 1.0 mL pipet (0354) to add 1 mL of Sulfide Reagent C (4460). Cap and mix.
5. Insert test tube into the Sulfide Comparator (4457). Match sample color to a color standard. Record as ppm Sulfide (S⁻²).

*First - Let the water run for a minimum of 15 minutes before testing, then



LaMOTTE COMPANY

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