



# LaMotte

## SULFIDE TEST KIT

OCTA-SLIDE 2, 0.2-20.0 ppm

CODE 4456-01

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, 2.5-5-10mL, plastic, w/caps	0106
1	Pipet, 1.0 mL, plastic	0354
1	Sulfide Octa-Slide 2 Bar, 0.2-20.0 ppm	4457-01
1	Octa-Slide 2 Viewer	1101

**\*WARNING:** Reagents marked with an \* are considered to be potential health hazards. To view or print a Safety Data Sheet (SDS) for these reagents go to [www.lamotte.com](http://www.lamotte.com). Search for the four digit reagent code number listed on the reagent label, in the contents list or in the test procedures. Omit any letter that follows or precedes the four digit code number. For example, if the code is 4450WT-H, search 4450. To obtain a printed copy, contact LaMotte by email, phone or fax.

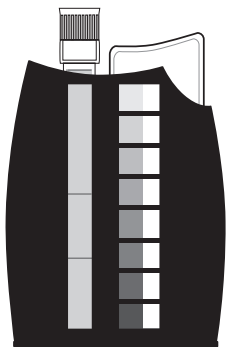
Emergency information for all LaMotte reagents is available from Chem-Tel:  
(US, 1-800-255-3924)  
(International, call collect, 813-248-0585).

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

Note: Collect sample with a minimum of aeration and analyze promptly:

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.

### USE OF THE OCTA-SLIDE 2 VIEWER





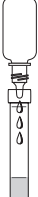
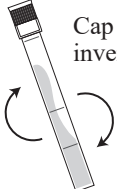

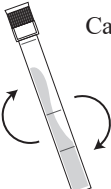
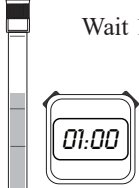

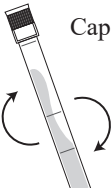


The Octa-Slide 2 Viewer should be held so non-direct light enters through the back of the Viewer. Insert the Octa-Slide 2 Bar into the Viewer. Insert the reacted sample into the top of the Viewer. Match the color of the reaction to the color standards.

## EPA ACCEPTED PROCEDURE

A known concentration of sulfide in the range of 0.2-20.0 ppm S<sup>=</sup> may be prepared as a check standard by referring to APHA Standard Methods 4500-S2-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

Note: Collect sample with a minimum of aeration and analyze promptly:

<p>1</p>  <p>Place Sulphide Octa-Slide 2 Bar (4457-01) into the Octa-Slide 2 Viewer (1101).</p>	<p>2</p>  <p>Fill a test tube (0106) to the 5 mL line with the sample water.</p>	<p>3</p>  <p>Add 15 drops of *Sulphide Reagent A (4458).</p>
<p>4</p>  <p>Cap and gently invert to mix.</p>	<p>5</p>  <p>Add 3 drops of *Sulphide Reagent B (4459).</p>	<p>6</p>  <p>Cap and mix.</p>
<p>7</p>  <p>Wait 1 minute.</p>	<p>8</p>  <p>Use the pipet (0354) to add 1.0 mL of Sulphide Reagent C (4460).</p>	<p>9</p>  <p>Cap and mix.</p>
<p>10</p>  <p>Insert test tube into Octa-Slide 2 Viewer (1101).</p>	<p>11</p>  <p>Match sample color to a color standard. Record as ppm Sulphide.</p>	

### LaMOTTE COMPANY

Helping People Solve Analytical Challenges

PO Box 329 · Chestertown · Maryland · 21620 · USA  
800-344-3100 · 410-778-3100 (Outside USA) · Fax 410-778-6394  
Visit us on the web at [www.lamotte.com](http://www.lamotte.com)