



## ZINC KIT

OCTA-SLIDE 2, 0.0-1.4 PPM

CODE 7417-02

QUANTITY	CONTENTS	CODE
30 g	*Zinc Reagent Powder	*7393-G
15 ml	*Zinc Conditioning Reagent	*7361-E
2	Test Tubes, 2.5-5-10 mL, plastic, w/cap	0106
1	Spoon, 0.5 g, plastic	0698
1	Zinc Octa-Slide 2 Bar, 0.0 - 1.4 ppm	7789-01
1	Octa-Slide 2 Viewer	1101

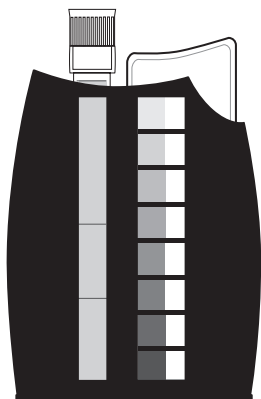
**\*WARNING:** Reagents marked with an \* are considered to be potential health hazards. To view or print a Safety Data Sheet (SDS) for these reagents go to [www.lamotte.com](http://www.lamotte.com). Search for the four digit reagent code number listed on the reagent label, in the contents list or in 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.

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.

## PROCEDURES

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1. Slide the Zinc Octa-Slide 2 Bar (7789-01) into the Octa-Slide 2 Viewer (1101).
2. Fill the tube (0106) to the 10 mL line with sample water.
3. Add 5 drops of \*Zinc Conditioning Reagent (7361). Cap and mix. Wait one minute.

NOTE: This reagent eliminates copper interference and adjusts the pH of the sample water to pH 9. In water samples where the pH is very low adjust the pH of the sample to approximately 9 before adding the \*Zinc Conditioning Reagent (7361).

4. Use the 0.5g spoon (0698) to add one level measure of \*Zinc Reagent Powder (7393). Cap and shake for 15 seconds. Do not shake longer even if powder is not dissolved. Wait 1 minutes. Do not mix.
5. Immediately insert the test tube into Octa-Slide 2 Viewer.
6. Match sample color to a color standard within 30 seconds. Record as ppm Zinc.

NOTE: Slight variations in the amount of Zinc Reagent Powder (7393) added in Step 3 will cause the intensity but not the shade of the color reaction to vary. Since each color standard exhibits a distinct difference in shade, an accurate reading can be made even though there is difference in intensity.

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