



DEHA KIT

OCTA-SLIDE 2, 0.05-1.5 PPM

CODE 4790-01

QUANTITY	CONTENTS	CODE
15 mL	*DEHA Reagent 1	*4791-E
15 mL	DEHA Reagent 2	4792-E
15 mL	*DEHA Reagent 3	*4793-E
2	Test Tubes 2.5-5-10 mL, plastic, w/caps	0106
1	Octa-Slide 2 Viewer	1101
1	DEHA Octa-Slide 2 Bar, 0.05-1.5 ppm	3442-01

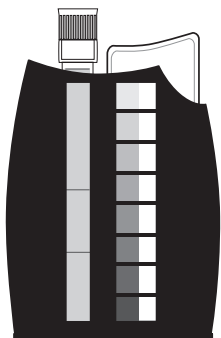
***WARNING:** Reagents marked with an * are considered to be potential health hazards. To view or print a Safety Data Sheet (SDS) for these reagents go to www.lamotte.com. Search for the four digit reagent code number listed on the reagent label, in the contents list or in the test procedures. Omit any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

PROCEDURE

1. Insert the DEHA Octa-Slide 2 Bar (3442-01) into Octa-Slide 2 Viewer.
2. Fill test tube (0106) to the 5 mL line with sample water.
3. Add 3 drops of *DEHA Reagent 1 (4791) and 3 drops of DEHA Reagent 2 (4792).
4. Cap and mix.
5. Add 3 drops of *DEHA Reagent 3 (4793). Cap and mix.

NOTE: If the alkalinity of the sample is over 300 ppm, use the following number of drops of *DEHA Reagent 3:

Alkalinity, ppm	Drops of *DEHA Reagent 3
300-399	4
400-499	5
500-599	6
600-699	7
700-799	8
800-899	9
900-999	10

6. Wait exactly 10 minutes.
7. Immediately insert test tube into top of Octa-Slide 2 Viewer (1101). Match sample color to a color standard. Record result as ppm DEHA.

NOTE: This test kit will also test for the oxygen scavenger erythorbic acid (also called isoascorbic acid or araboascorbic acid). Follow the test instruction and multiply the results by 4 for ppm Erythorbic Acid.

$$\text{ppm DEHA} \times 4 = \text{ppm Erythorbic Acid}$$

TESTING HINTS

1. The test should be performed at normal room temperature (20-25°C).
2. Reacted samples should not be exposed to sunlight. They can be stored in the test kit box during the 10 minute wait.
3. Thoroughly clean tubes immediately after each test to avoid staining and future contamination.
4. Ferrous ions, Fe⁺², will give a false positive. The contribution of Fe⁺² to reading can be determined by testing a second sample and skipping Step 4. This result should be subtracted from previous result.

LaMOTTE COMPANY

Helping People Solve Analytical Challenges

PO Box 329 · Chestertown · Maryland · 21620 · USA
800-344-3100 · 410-778-3100 [Outside U.S.A.] · Fax 410-778-6394

Visit us on the web at www.lamotte.com