



PHOSPHATE KIT

OCTA-SLIDE 2, 0.5-10 ppm

CODE 3114-02

QUANTITY	CONTENTS	CODE
2 x 30 mL	*Phosphate Acid Reagent	*V-6282-G
5 g	Phosphate Reducing Reagent	V-6283-C
2	Test Tubes, 10.0 mL, glass, w/caps	0843
1	Spoon, 0.1 g	0699
2	Pipets, 1.0 mL, plastic	0354
1	Demineralizer Bottle	1151
1	Phosphate Octa-Slide 2 Bar, 0.5-10 ppm	3115-01
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. 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).

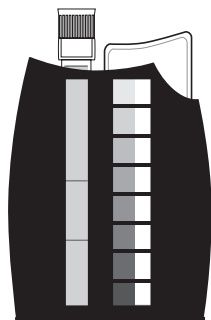
To order individual reagents or test kit components, use the specified code number.

NOTES:

- This test determines levels of Orthophosphates only.
- This test should be run on clear samples only.
- Best results are obtained when solution temperatures are 23-25°C.

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

RANGE: 0.5-10 ppm PHOSPHATE [PO₄]

1. Insert the Phosphate Octa-Slide 2 Bar (3115-01) into the Octa-Slide 2 Viewer (1101).
2. Fill a test tube (0843) to 10 mL line with sample water.
3. Use a 1.0 mL pipet (0354) to add 1.0 mL of *Phosphate Acid Reagent (6282). Cap and mix.
4. Use a 0.1 g spoon (0699) to add one level measure of Phosphate Reducing Reagent (6283). Cap and mix until dissolved. Wait 5 minutes.
5. Insert the test tube into the Octa-Slide 2 Viewer. Match sample color to a color standard. Record as ppm Phosphate.

RANGE: 5-100 ppm PHOSPHATE [PO₄], 1:10 DILUTION

1. Insert the Phosphate Octa-Slide 2 Bar (3115-01) into the Octa-Slide 2 Viewer (1101).
2. Use a 1.0 mL pipet (0354) to add 1.0 mL of sample water to test tube (0843).
3. Dilute to 10 mL line with deionized water from the Demineralizer Bottle (1151).
4. Use a second 1.0 mL pipet (0354) to add 1.0 mL *Phosphate Acid Reagent (6282). Cap and mix.
5. Use the 0.1g spoon (0699) to add one level measure of Phosphate Reducing Reagent (6283). Cap and mix until dissolved. Wait 5 minutes.
6. Insert the test tube into the Octa-Slide 2 Viewer. Match sample color to a color standard. Record as ppm Phosphate.

LaMOTTE COMPANY

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