




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, 2.5-10.0 mL, plastic, w/caps | 0106 |
| 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 |

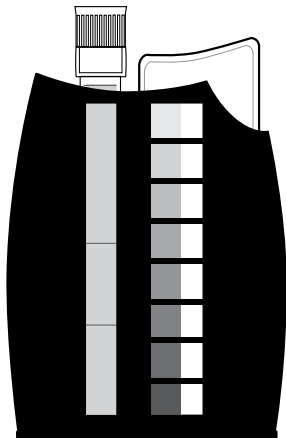
*WARNING: Reagents marked with an * are considered to be potential health hazards. To view or print a Material Safety Data Sheet (MSDS) for these reagents go to www.lamotte.com. To obtain a printed copy, contact LaMotte by e-mail, phone or fax.

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.

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 reacted sample into the top of the Viewer. Slide the Octa-Slide 2 Bar into the Viewer and match the color of the reaction to the color standards.

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

PROCEDURE

RANGE: 0.5-10 ppm PHOSPHATE (PO₄)

1. Fill a test tube (0106) to 10 mL line with sample water.
2. Use a 1.0 mL pipet (0354) to add 1.0 mL of *Phosphate Acid Reagent (6282). Cap and mix.
3. 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.**
4. Insert the Phosphate Octa-Slide 2 Bar (3115-01) into the Octa-Slide 2 Viewer (1101).
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. Use a 1.0 mL pipet (0354) to add 1.0 mL of sample water to test tube (0106).
2. Dilute to 10 mL line with deionized water from the Demineralizer Bottle (1151).
3. Use a second 1.0 mL pipet (0354) to add 1.0 mL *Phosphate Acid Reagent (6282). Cap and mix.
4. Use the 0.1g spoon (0699) to add one level measure of *Phosphate Reducing Reagent (6283). Cap and mix until dissolved. Wait 5 minutes.
5. Insert the Phosphate Octa-Slide 2 Bar (3115-01) into the Octa-Slide 2 Viewer (1101).
6. Insert the test tube into the Octa-Slide 2 Viewer. Match sample color to a color standard. Record as ppm Phosphate.

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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