

PHOSPHATE KIT

Code 3114-02 | Octa-Slide 2, 0.5-10 ppm



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

*Reagent is a potential health hazard. **READ SDS:** lamotte.com

Emergency information:
Chem-Tel USA 1-800-255-3924
Int'l, call collect, 813-248-0585



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

USE OF THE OCTA-SLIDE 2 VIEWER

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.

NOTE: 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.

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. Hold the Viewer so that non-direct light enters through the back. 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. Hold the Viewer so that non-direct light enters through the back. Match sample color to a color standard. Record as ppm Phosphate.