



SILICA KIT

OCTA-SLIDE 2, 0.5-10.0 ppm

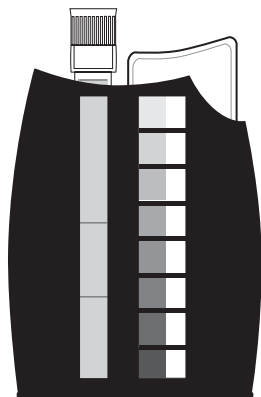
CODE 4463-01

QUANTITY	CONTENTS	CODE
30 mL	*Silica Reagent #1	*4571-G
15 mL	*Silica Reagent #2	*4467-E
15 mL	*Silica Reagent #3	*4468-E
5 mL	*Reducing Reagent	*6405-C
2	Test Tubes, 5 mL, glass, w/caps	0106
1	Pipet, plain, plastic	0352
1	Pipet, 0.5 mL, plastic	0353
1	Silica Octa-Slide 2 Bar, 0.5-10.0 ppm	4465-01
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.

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

1. Fill test tube (0106) to 5 mL line with sample water.
2. Add 7 drops of *Silica Reagent #1 (4571). Cap and mix by inverting 4 times.
3. Add 6 drops of *Silica Reagent #2 (4467). Cap and mix. Wait 5 minutes.
4. Add 6 drops of *Silica Reagent #3 (4468). Cap and mix. Wait 2 minutes.
5. Use pipet (0352) to add 2 drops of *Reducing Reagent (6405). Cap and mix. A BLUE color will develop in 10 seconds if silica is present.
6. Insert the Silica Octa-Slide 2 Bar (4465-01) into the Octa-Slide 2 Viewer (1101).
7. Insert test tube into the Octa-Slide 2 Viewer. Match sample color to a color standard. Record as ppm Silica.

NOTE: If test color is darker than the 10.0 ppm standard, repeat test on diluted sample. Use pipet (0353) to add 0.5 mL of water sample to test tube. Dilute to 5 mL line with deionized water. Follow Steps 2 through 6 above. Multiply result by 10. Record as ppm Silica.

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