



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

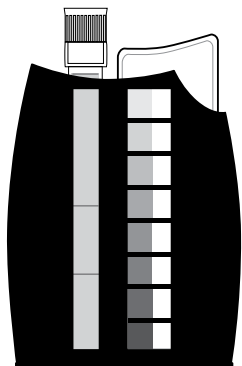
***WARNING:** Reagents marked with an * are considered to be potential health hazards. To view or print a Safety Data Sheet (SDS) for these reagents go to www.lamotte.com. Search for the four digit reagent code number listed on the reagent label, in the contents list or in the test procedures. Omit any 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 Silica Octa-Slide 2 Bar (4465-01) into the Octa-Slide 2 Viewer (1101).
2. Fill test tube (0106) to 5 mL line with sample water.
3. Add 7 drops of *Silica Reagent #1 (4571). Cap and mix by inverting 4 times.
4. Add 6 drops of *Silica Reagent #2 (4467). Cap and mix. Wait 5 minutes.
5. Add 6 drops of *Silica Reagent #3 (4468). Cap and mix. Wait 2 minutes.
6. 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.
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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802 Washington Avenue · Chestertown · Maryland · 21620 · USA
800-344-3100 · 410-778-3100 [Outside U.S.A.] · Fax 410-778-6394

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