



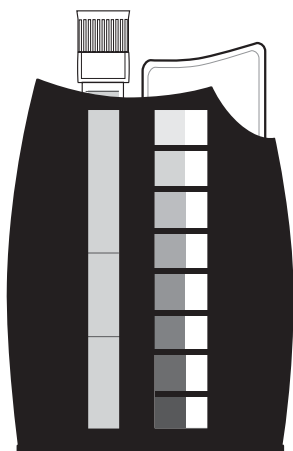
CYANIDE IN WATER TEST KIT

CODE 7387-02

QUANTITY	CONTENTS	CODE
60 mL	Cyanide Buffer	2850PS-H
5 g	*Cyanide Cl Reagent	*2794DS-C
5 g	*Cyanide Indicator Reagent	*2793DS-C
15 mL	*Hydrochloric Acid, 1N	*6130-E
15 mL	*Sodium Hydroxide, 1N	*4004-E
2	Test tubes, 2.5-5.0-10 mL, glass, w/caps	0844
2	Spoons, 0.05 g, plastic	0696
1	Pipet, 0.5 mL, plastic	0353
1	pH Short Range Test Paper, pH 9-14	2955
1	Stirring Rod, plastic	0519
1	Cyanide Octa-Slide 2 Bar, 0-0.4 ppm	4417-01
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 (0844) to 5 mL line with sample water.
2. Dip the end of the plastic rod (0519) into sample water. Touch to a small piece of Test Paper (2955) to wet paper. Immediately read pH from color chart. If pH is below 10, add *Sodium Hydroxide, 1N (4004) one drop at a time until pH is between 10.5 and 11.0. Check pH with a piece of Test Paper (2955) after adding each drop. If pH is above 11.5, lower pH by adding *Hydrochloric Acid, 1N (6130) one drop at a time until pH is between 10.5 and 11.0. Check pH with a piece of Test Paper (2955) after adding each drop.
3. Use the 0.5 mL pipet (0353) to add 0.5 mL of Cyanide Buffer (2850PS). Cap and invert 10 times to mix. Wait 30 seconds.
4. Use a 0.05 g spoon (0696) to add one measure of *Cyanide Cl Reagent (2794DS). Cap and invert 10 times to mix. Wait 30 seconds.
5. Use a second 0.05 g spoon to add one measure of *Cyanide Indicator Reagent (2793DS). Cap and shake vigorously for 15-20 seconds. Wait 20 minutes. Solution will turn violet if cyanide is present.
6. Insert Cyanide Octa-Slide 2 Bar (4417-01) into Octa-Slide 2 Viewer (1101).
7. Insert test tube into Octa-Slide 2 Viewer.
8. Match sample color to a color standard. Record as ppm Cyanide.

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