

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, 2.5-5-6.5-10 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 6.5 - 13	2944
1	Stirring Rod, plastic	0519
1	Cyanide Octa-Slide 2 Bar, 0-0.4 ppm	4417-01
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



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.

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

USE OF THE OCTA-SLIDE 2 VIEWER

PROCEDURE

1. Insert Cyanide Octa-Slide 2 Bar [4417-01] into Octa-Slide 2 Viewer [1101].
2. Fill test tube [0844] to 5 mL line with sample water.
3. Dip the end of the plastic rod [0519] into sample water. Touch to a small piece of Test Paper [2944] 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 [2944] 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 [2944] after adding each drop.
4. 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.
5. 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.
6. 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.
7. Insert test tube into Octa-Slide 2 Viewer. Hold the Viewer so that non-direct light enters through the back.
8. Match sample color to a color standard. Record as ppm Cyanide.