





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	<p>*Reagent is a potential health hazard. READ SDS: lamotte.com</p> <p>Emergency information: Chem-Tel USA 1-800-255-3924 Int'l, call collect, 813-248-0585</p> <div></div>
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	<div><p>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.</p></div>
1	Stirring Rod, plastic	0519	
1	Cyanide Octa-Slide 2 Bar, 0-0.4 ppm	4417-01	
1	Octa-Slide 2 Viewer	1101	

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.