

QUANTITY	CONTENTS	CODE
15 mL	Potassium Sodium Tartrate Solution	7841-E
30 mL	*Sodium Hydroxide, 15%	*7886PS-G
15 mL	*Sodium Cyanide, 10%	*6565-E
120 mL	*Lead Dithizone Reagent	*4427-J
3	Pipets, 1.0 mL, plastic	0354
2	Test Tubes, 10 mL, glass, w/caps	0843
1	Test Tube, 10 mL, glass, w/cap	0837
1	Cadmium In Water Octa-Slide 2 Bar, 0.1-1.0 ppm	7840-02
1	Octa-Slide 2 Viewer	1101

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

\*Reagent is a potential health hazard. **READ SDS:** [lamotte.com](https://www.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.

### USE OF THE OCTA-SLIDE 2 VIEWER

### PROCEDURE

1. Insert the Cadmium in Water Octa-Slide 2 Bar [7840-02] into the Octa-Slide 2 Viewer [1101].
2. Fill the 10 mL tube [0837] to the 10 mL line with sample water.
3. Add 2 drops of Potassium Sodium Tartrate Solution [7841].
4. Use a 1.0 mL pipet [0354] to add 1.0 mL of \*Sodium Hydroxide, 15% [7886PS]. Cap and mix.
5. Add 4 drops of \*Sodium Cyanide, 10% [6565].
6. Use a second 1.0 mL pipet to add 5.0 mL [5 measures] of \*Lead Dithizone Reagent [4427]. Cap tightly and shake for 90 seconds. Allow tube to stand until layers separate.  
**NOTE:** Fill pipet by carefully inserting the pipet below the colorless preservative layer into the Lead Dithizone Reagent [4427]. Fill the pipet to the 1.0 mL line with the green solution.
7. Use a third 1.0 mL pipet to transfer 4 to 5 mL of the colored bottom layer of test solution to a 10 mL test tube [0843].
8. Insert test tube into the Octa-Slide 2 Viewer. Hold the Viewer so that non-direct light enters through the back. Match sample color to a color standard. Record as ppm Cadmium.