



DPD CHLORINE & pH KIT

OCTA-SLIDE 2, pH 6.8-8.2, CHLORINE 0.2-3.0 ppm

CODE 6907-01

For Free Available Chlorine, Combined Chlorine,
Total Residual Chlorine & pH [Phenol Red]

QUANTITY	CONTENTS	CODE
50	DPD #1R Tablets (6999)	6905A-
50	DPD #3R Tablets (6905)	6999ABOX
50	Phenol Red Tablets	6915A-H
3	Test Tubes, 2.5 & 10 mL, plastic, w/caps	0106
1	Phenol Red Octa-Slide 2 Bar, 6.8-8.2	2185-01
1	Chlorine DPD Octa-Slide 2 Bar, 0.2-3.0 ppm	3401-01
1	Octa-Slide 2 Viewer	1101

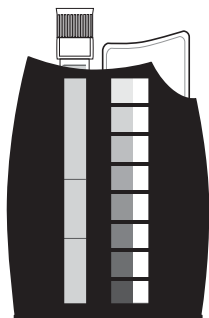
***WARNING:** Reagents marked with an * are considered to be potential health hazards. To view or print a Safety Data Sheet (SDS) for these reagents go to www.lamotte.com. Search for the four digit reagent code number listed on the reagent label, in the contents list or in the test procedures. Omit any 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. Slide 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

FREE AVAILABLE CHLORINE [FAC]

Recommended minimum Free Available Chlorine level in pool water is 1.0 ppm in unstabilized pools; 2.0 ppm in stabilized pools. For bather safety after superchlorination, the maximum level of Free Chlorine is 3.0 ppm.

1. Insert the DPD Octa-Slide 2 Bar (3401-01) into the viewer.
2. Rinse a test tube with sample water. Fill to 5 mL line with the sample water.
3. Add one DPD #1R Tablet (6999A). Cap and mix until tablet disintegrates.
4. Immediately insert test tube into the top of the Octa-Slide 2 Viewer (1101). Match sample color to a color standard. Record as ppm Free Available Chlorine.

NOTE: Do not discard this test sample if total residual chlorine is to be determined.

TOTAL RESIDUAL CHLORINE [TRC]

Ideally, the Total Residual Chlorine should be equal to the Free Available Chlorine reading. Combined Chlorine should not exceed 0.2 ppm.

5. Add one DPD #3R Tablet (6905A) to the sample from Step 4. Cap and mix until tablet disintegrates.
6. Insert test tube into the Octa-Slide 2 Viewer (1101). Match sample color to a color standard. Record as ppm Total Residual Chlorine.
7. To obtain Combined Chlorine, subtract Free Available Chlorine from Total Residual Chlorine.

$$\text{Combined Chlorine, ppm} = \text{Total Residual Chlorine} - \text{Free Available Chlorine}$$

pH - PHENOL RED INDICATOR

Recommended optimum pH range for pool water is pH 7.2 to pH 7.6.

1. Insert the Phenol Red Octa-Slide 2 Bar (2185-01) into the viewer.
2. Rinse a test tube (0106) with sample water. Fill to 10 mL line with sample water.
3. Add one Phenol Red Tablet (6915A). Cap and gently mix until tablet disintegrates.
4. Insert test tube into the top of the Octa-Slide 2 Viewer (1101). Match sample color to a color standard. Record as pH.

NOTE: Thoroughly clean and rinse test tubes after each use.

LaMOTTE COMPANY

Helping People Solve Analytical Challenges

802 Washington Ave · Chestertown · Maryland · 21620 · USA
800-344-3100 · 410-778-3100 [Outside U.S.A.] · Fax 410-778-6394
Visit us on the web at www.lamotte.com

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