

FAS-DPD CHLORINE KIT




Code 7514-01 | Drop count, 1 drop = 0.2 ppm or 0.5 ppm



QUANTITY	CONTENTS	CODE	
5 g	DPD #1 Powder	6807-C	
50	DPD 3R Tablets	6905A-J	
60 mL	Chlorine/Bromine Titrant	3992WT-H	
1	Test Tube, 0.2-0.5 plastic, w/cap	0708-NC	
1	Spoon, 0.1g, plastic	0699	


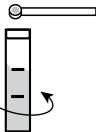
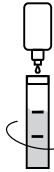
To order individual reagents or test kit components, use the specified code number.

*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



FREE CHLORINE

ONE DROP = 0.2 ppm or 0.5 ppm


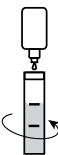
1. Fill test tube [0708] with sample water to the X0.2 line to obtain in 0.2 ppm increments or X0.5 line to obtain in 0.5 ppm increments.		2. Use the 0.1g spoon [0699] to add 0.1g of DPD #1 Powder [6807]. Cap and gently swirl until powder dissolves. Solution will turn red if chlorine is present.	
3. While gently swirling tube add Chlorine/ Bromine Titrant [3992WT] one drop at a time until red color disappears. Hold bottle vertically. Count the number of drops added.		4. Multiply the number of drops used in Step 3 by 0.2 if measured in filled to the X0.2 line or 0.5 if filled to the X0.5 line. Record as ppm Free Available Chlorine.	

BROMINE

Multiply Free Available Chlorine results by 2.25.

TOTAL CHLORINE

ONE DROP = 0.2 ppm or 0.5 ppm

5. To determine total chlorine, add one DPD 3R Tablet [6905A] to the solution from Step 4. Cap and mix until tablet disintegrates. The reappearance of a red color indicates combined chlorine.		6. Continue adding Chlorine/Bromine Titrant until the red color again disappears.	
7. Multiply the total number of drops used in Step 3 plus Step 6 by 0.2 if measured in 0.2 ppm or 0.5 if measured in 0.5 ppm. Record as ppm Total Residual Chlorine.		8. Subtract Free Available Chlorine from Total Residual Chlorine. Record as ppm Combined Chlorine.	