



DC1500 CHLORINE

DPD Liquid



Quick Guide

ANALYSIS - CHLORINE

PROCEDURE – FREE CHLORINE

1.	Fill Water Sample Collecting Bottle [0688] with sample water.
2.	Press and hold  until colorimeter turns on.
3.	Press  to select Testing Menu .
4.	Scroll to and select 024 Chlorine L DPD from menu.
5.	Rinse tube [0290] with sample water. Fill to the 10 mL line. Cap and wipe dry.
6.	Insert tube. Close lid. Select Scan Blank .
7.	Remove tube. Add 5 drops DPD 1A Free Chlorine Reagent [P-6740] and 5 drops of *DPD 1B Free Chlorine Reagent [P-6741]. Cap tube. Invert to mix.
8.	Immediately insert tube into chamber. Close lid. Select Scan Sample . Record result as FREE CHLORINE .

PROCEDURE – COMBINED CHLORINE

9.	Remove tube. Add 5 drops *DPD 3 Total Chlorine [P-6743]. Cap tube. Invert to mix.
10.	Insert tube into chamber. Close lid. Select Scan Sample . Record result as TOTAL CHLORINE .
11.	Subtract free chlorine reading from total chlorine reading to obtain concentration of COMBINED CHLORINE .
12.	Press  to turn off the colorimeter or press  to exit to a previous menu or make another menu selection.

*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



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CALIBRATION

Chlorine Standards

Calibrate meter with free chlorine standards. Use a distilled or deionized water blank and one chlorine standard of known concentration.

CHLORINE CALIBRATION PROCEDURE

1.	Press and hold  until colorimeter turns on.
2.	Press  to select Testing Menu .
3.	Scroll to and select 024 Chlorine L DPD from menu.
4.	Rinse tube [0290] three times with the chlorine standard. Fill the tube to the 10 mL line. Cap tube. Dry tube.
5.	Insert tube. Close lid. Select Scan Blank .
6.	Remove tube. Add 5 drops DPD 1A Free Chlorine Reagent [P-6740] and 5 drops of *DPD 1B Free Chlorine Reagent [P-6741]. Cap tube. Invert to mix.
7.	Immediately insert tube. Close lid. Select Scan Sample .
8.	Press  to scroll to Calibrate .
9.	Press  to select Calibrate .
10.	Press  or  to scroll to the concentration of the standard.
11.	Press  to save the value. Press  and  at any time to return to the default value.

CAUTION: DO NOT leave reacted samples in test tubes.

NOTE: For the most accurate results, samples over 6 ppm chlorine should be diluted with chlorine demand free water and re-tested.

For additional information see the DC1500-CL manual.

NOTE: Use the AC wall adapter to rapidly charge the meter.

Reinsert the USB port plug after charging.

WARNING: Only use the USB cable [1720-01] that is supplied with the kit. Make no substitutions.



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