



# DC1500 UDV ABSORBANCE

## Quick Guide

### ANALYSIS

#### PROCEDURE

1.	Fill Water Sample Collecting Bottle [0688] with sample water.
2.	Press and hold  until colorimeter turns on.
3.	Press  to select <b>Testing Menu</b> .
4.	Scroll to and select <b>103 Absorbance 568</b> from menu.
5.	Use syringe [1184] to rinse and fill an empty vial [29653] with 3 mL sample water. Wipe vial dry with lint-free cloth.
6.	Insert vial into chamber, close lid and select <b>Scan Blank</b> .
7.	React a sample following the individual test procedure.
8.	Wipe vial dry with a lint-free cloth.
9.	Insert vial into chamber. Close lid. Select <b>Scan Sample</b> . Record result.

\*Reagent is a potential health hazard.

**READ SDS:** [lamotte.com](http://lamotte.com).

**Emergency information:**

Chem-Tel USA 1-800-255-3924

Int'l, call collect, 813-248-0585





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## CALIBRATION

### Standards

Calibrate meter with standard solutions of the factor to be tested at known concentrations. Use a distilled or deionized water blank.

### PROCEDURE

1.	Prepare 5 or 6 standard solutions of the factor to be tested. The concentration of the standards should be evenly distributed throughout the range of the reagent system and should include a 0 ppm standard.
2.	Press and hold  until colorimeter turns on.
3.	Press  to select <b>Testing Menu</b> .
4.	Scroll to and select <b>103 Absorbance 568</b> from menu.
5.	Use syringe [1184] to rinse and fill an empty vial [29653] with 3 mL of standard solution. Wipe vial dry with lint-free cloth.
6.	Insert vial into chamber, close lid and select <b>Scan Blank</b> .
7.	React the standard solution following the individual test procedure.
8.	Wipe vial dry with a lint-free cloth.
9.	Insert vial into chamber. Close lid. Select <b>Scan Sample</b> . Record result.
10.	Repeat Steps 5-9 for the remaining standard solutions.
11.	Plot the results.
12.	Draw a line or curve of best fit through the plotted points.

For additional information see the DC1500 UDV Absorbance 568 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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