

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 Testing Menu .
4.	Scroll to and select 103 Absorbance 568 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 Scan Blank .
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 Scan Sample . Record result.

*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].

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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 Testing Menu .
4. Scroll to and select 103 Absorbance 568 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 Scan Blank .
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 Scan Sample . 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.



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