



## 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>089 Sulfate HR</b> 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 <b>Scan Blank</b> .
7.	Remove tube from colorimeter. Use 0.1 g spoon [0699] to add one measure of *Sulfate Reagent [V-6277].
8.	Cap and shake vigorously for 15 seconds. A white precipitate will develop if sulfates are present.
9.	Wait 5 minutes. Invert tube to mix again. Wipe tube dry.
10.	Insert tube into chamber. Close lid. Select <b>Scan Sample</b> . Record result as <b>SULFATE</b> .

\*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](http://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].

## CALIBRATION

### Standards

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

## PROCEDURE

1.	Press and hold  until colorimeter turns on.
2.	Press  to select <b>Testing Menu</b> .
3.	Scroll to and select <b>089 Sulfate HR</b> from menu.
4.	Rinse tube [0290] three times with the standard. Fill the tube to the 10 mL line. Cap tube. Dry tube.
5.	Insert tube. Close lid. Select <b>Scan Blank</b> .
6.	Remove tube from colorimeter. Use 0.1 g spoon [0699] to add one measure of *Sulfate Reagent [V-6277].
7.	Cap and shake vigorously for 15 seconds. A white precipitate will develop if sulfates are present.
8.	Wait 5 minutes. Invert tube to mix again. Wipe tube dry.
9.	Insert tube. Close lid. Select <b>Scan Sample</b> .
10.	Press  to scroll to <b>Calibrate</b> .
11.	Press  to select <b>Calibrate</b> .
12.	Press  or  to scroll to the concentration of the standard.
13.	Press  to save the value. Press  and  at any time to return to the default value.

For additional information see the DC1500 Sulfate manual.

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

