

## DIRECT READING TITRATOR, 0-500 PPM CODE 3043-DR-01

| QUANTITY | CONTENTS                                    | CODE     |
|----------|---|----------|
| 15 mL    | QAC Indicator Solution                      | 6413-E   |
| 60 mL    | QAC Titration Solution                      | 6412-H   |
| 1        | Test Tube, 5-10-15-20-25 mL, plastic, w/cap | 0715-DRT |
| 1        | Direct Reading Titrator, 0-500 Range        | 0383     |
| 1        | Brush, Test Tube                            | 0514     |

\*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 in the contents list. 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 e-mail, 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).

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

Read the LaMotte Direct Reading Titrator Manual before proceeding. The Titrator is calibrated in parts per million (ppm) QAC; each minor division equals 10 ppm.

### PROCEDURE

1. Fill test tube (0715-DRT) to 10 mL line with sample water. Dilute to 15 mL line with QAC-free tapwater or distilled water.
2. Add 5 drops of QAC Indicator Solution (6413). Cap and mix. Solution will turn green.
3. Fill Direct Reading Titrator (0383) with QAC Titration Solution (6412). Insert titrator tip into the center hole of the test tube cap.
4. While gently swirling the tube, slowly press the plunger to titrate until the green tint just disappears and the solution turns brown.
5. Read test result where large ring on Titrator meets Titrator scale. Record as ppm QAC.
6. Thoroughly wash the test tube with the brush (0514). Rinse with clean water after each test.

### LaMOTTE COMPANY

Helping People Solve Analytical Challenges

PO Box 329 · Chestertown · Maryland · 21620 · USA  
800-344-3100 · 410-778-3100 [Outside U.S.A.] · Fax 410-778-6394

Visit us on the web at [www.lamotte.com](http://www.lamotte.com)