



QAC KIT

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 Material Safety Data Sheet (MSDS) for these reagents go to www.lamotte.com. To obtain a printed copy, contact LaMotte by e-mail, phone or fax.

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