QAC TEST KIT
DIRECT READING TITRATOR METHOD
MODEL QT-DR • CODE 3043-DR-GT

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>CONTENTS</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 mL</td>
<td>*QAC Indicator Solution</td>
<td>*6413-E</td>
</tr>
<tr>
<td>60 mL</td>
<td>QAC Titration Solution</td>
<td>6412-H</td>
</tr>
<tr>
<td>1</td>
<td>Test Tube, 5-10-15 mL, glass, w/cap</td>
<td>0778</td>
</tr>
<tr>
<td>1</td>
<td>Direct Reading Titrator, 0-500 Range</td>
<td>0383</td>
</tr>
<tr>
<td>1</td>
<td>Brush, Test Tube</td>
<td>0514</td>
</tr>
</tbody>
</table>

*WARNING: Reagents marked with a * are considered to be potential health hazards. To view or print a Material Safety Data Sheet (MSDS) for these reagents see MSDS CD or www.lamotte.com. To obtain a printed copy, contact LaMotte by email, 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 (0778) 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 directly from the scale where the large ring on the Titrator meets the Titrator barrel. 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