



## NITRATE IN WATER TEST KIT

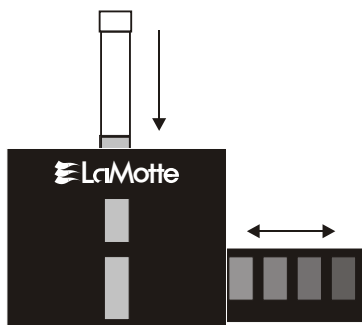
MODEL SL-NCR • CODE 3319

QUANTITY	CONTENTS	CODE
2 x 60 mL	*Mixed Acid Reagent	*V-6278-H
5 g	*Nitrate Reducing Reagent	*V-6279-C
1	Spoon, 0.1 g, plastic	0699
2	Test Tubes, plastic, w/caps	0106
1	Bottle, Water Sample	0688
1	Dispenser Cap	0692
1	Octa-Slide Viewer	1100
1	Nitrate Nitrogen Octa-Slide Bar, 0.25-10.0 ppm	3413

**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](http://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.

### USE OF THE OCTA-SLIDE VIEWER



The Octa-Slide Viewer should be held so non-direct light enters through the back of the comparator. With sample tube inserted at top, slide the Octa-Slide bar through the viewer and match with color standard.

**WARNING!** This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision

## NOTES:

- A. Nitrites will cause interference in this nitrate test. If present, determine the nitrites level separately and compensate in these test results.
- B. The best results are obtained when solution temperatures are close to 23°C.
- C. Place Dispenser Cap (0692) on \*Mixed Acid Reagent (V-6278). Save this cap for refill reagents.

## PROCEDURE

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1. Fill sample bottle (0688) with sample water.
2. Fill a test tube (0106) to 2.5 mL line with water from sample bottle.
3. Attach dispenser cap to a bottle of \*Mixed Acid Reagent (6278). Dilute to 5 mL line with \*Mixed Acid Reagent (6278). Cap and mix. Wait two minutes.
4. Use the 0.1 g spoon (0699) to add one level measure of \*Nitrate Reducing Reagent (6279). Cap and invert 50-60 times in one minute. Wait ten minutes.
5. Mix sample one time and insert test tube into Octa-Slide Viewer. Insert Nitrate-Nitrogen Octa-Slide Bar (3413) into the Octa-Slide Viewer (1100). Match sample color to a color standard. Record as ppm Nitrate Nitrogen ( $\text{NO}_3\text{-N}$ ). To convert to nitrate ( $\text{NO}_3$ ), multiply result by 4.4. Record as ppm Nitrate.

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