



NITRATE IN WATER TEST KIT

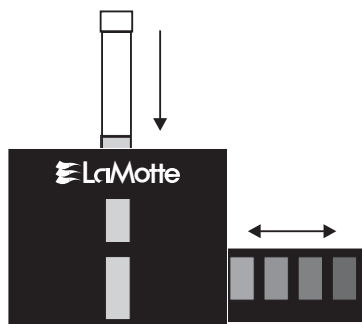
MODEL SL-NCR • CODE 3319

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. 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

- 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 (NO_3), multiply result by 4.4. Record as ppm Nitrate.

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