



NITRATE NITROGEN KIT

OCTA-SLIDE 2, 0.25-10.0 ppm

CODE 3110-01

QUANTITY	CONTENTS	CODE
2 x 60 mL	*Mixed Acid Reagent	*V-6278-H
5g	*Nitrate Reducing Reagent	*V-6279-C
1	Dispenser Cap	0692
1	Spoon, 0.1g, plastic	0699
2	Test Tubes, 2.5-10 mL, plastic, w/caps	0106
1	Bottle, Water Sample	0688
1	Nitrate-N Octa-Slide 2 Bar, 0.25-10.0 ppm	3109-01
1	Octa-Slide 2 Viewer	1101

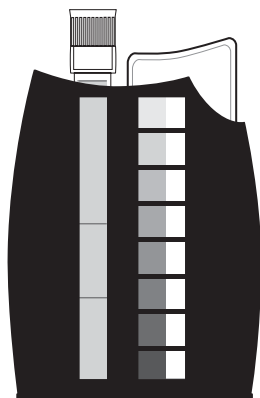
*WARNING: Reagents marked with an * are considered to be potential health hazards. To view or print a Material Safety Data Sheet (MSDS) for these reagents go to www.lamotte.com. To obtain a printed copy, contact LaMotte by e-mail, phone or fax.

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

NOTES:

- Nitrite interferes at all levels.
- For best results keep all reagents around 23°C.
- Place Dispenser Cap (0692) on *Mixed Acid Reagent (V-6278-H).
Save this cap for refill reagents.

USE OF THE OCTA-SLIDE 2 VIEWER



The Octa-Slide 2 Viewer should be held so non-direct light enters through the back of the Viewer. Insert the reacted sample into the top of the Viewer. Slide the Octa-Slide 2 Bar into the Viewer and match the color of the reaction to the color standards.

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

PROCEDURE

1. Fill sample bottle (0688) with sample water.
2. Fill one test tube (0106) to the 2.5 mL line with water from the sample bottle.
3. Dilute to 5 mL line with *Mixed Acid Reagent (V-6278). Cap and mix. Wait 2 minutes.
4. Use the 0.1g spoon (0699) to add one level measure (avoid any excess) of *Nitrate Reducing Reagent (V-6279). Cap and invert gently 60 times in one minute. Wait 10 minutes.
5. Insert Nitrate-N Octa-Slide 2 Bar (3109-01) into Octa-Slide 2 Viewer (1101).
6. Insert test tube into Nitrate-N Comparator (3109).
7. Match sample color to a color standard. Record as ppm Nitrate as Nitrate Nitrogen ($\text{NO}_3\text{-N}$). To convert to ppm Nitrate (NO_3), multiply by 4.4.

NOTE: Thoroughly clean and rinse test tubes after each use.

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