



## 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 Safety Data Sheet (SDS) for these reagents go to [www.lamotte.com](http://www.lamotte.com). Search for the four digit reagent code number listed on the reagent label, in the contents list or in the test procedures. Omit any letter that follows or precedes the four digit code number. For example, if the code is 4450WT-H, search 4450. To obtain a printed copy, contact LaMotte by email, phone or fax.

Emergency information for all LaMotte reagents is available from Chem-Tel:

(US, 1-800-255-3924)

(International, call collect, 813-248-0585)

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.


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.


## 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. Slide the Octa-Slide 2 Bar into the Viewer. Insert the reacted sample into the top of the Viewer. Match the color of the reaction to the color standards.

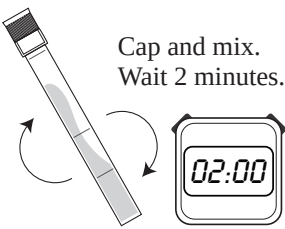
## PROCEDURE

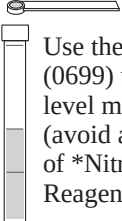
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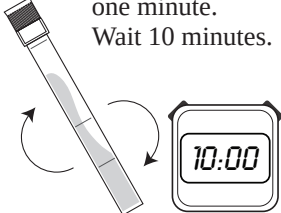
1 Insert Nitrate-N Octa-Slide 2 Bar (3109-01) into Octa-Slide 2 Viewer (1101).
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2 Fill sample bottle (0688) with sample water.
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3 Fill one test tube (0106) to the 2.5 mL line with water from the sample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

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

### LaMOTTE COMPANY

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