

NITRATE NITROGEN KIT

Code 3110-01 | Octa-Slide 2, 0.25-10.0 ppm



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, 0.1 g, 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



*Reagent is a potential health hazard. **READ SDS:** lamotte.com

Emergency information:

Chem-Tel USA 1-800-255-3924
Int'l, call collect, 813-248-0585



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

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

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.

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PROCEDURE

1. Insert Nitrate-N Octa-Slide 2 Bar [3109-01] into Octa-Slide 2 Viewer [1101].		2. Fill sample bottle [0688] with sample water.		3. Fill test tube [0106] to the 2.5 mL line with water from the sample bottle.	
4. Dilute to 5 mL line with *Mixed Acid Reagent [V-6278].		5. Cap and mix. Wait 2 minutes.		6. Use the 0.1g spoon [0699] to add one level measure [avoid any excess] of *Nitrate Reducing Reagent [V-6279].	
7. Cap and invert gently 60 times in one minute. Wait 10 minutes.		8. Insert test tube into Nitrate-N Comparator [3109].		9. Hold the Viewer so that non-direct light enters through the back. 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 (NO_3), multiply by 4.4.					

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