



NITRITE KIT

DIRECT READING TITRATOR, 0-1000 ppm

CODE 7101-DR-01

QUANTITY	CONTENTS	CODE
30 g	*Nitrite Reagent #1 Powder	*7102-G
60 mL	Nitrite Reagent #2	7103DR-H
1	Spoon, 0.5 g, plastic	0698
1	Test Tube, 5-10-15 mL, glass, w/cap	0778
1	Direct Reading Titrator, 0-1000 Range	0384

*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. Search 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 code is 4450WT-H, search 4450. To obtain a printed copy, contact LaMotte by e-mail, 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.

Read the LaMotte Direct Reading Titrator Manual before proceeding. The Titrator is calibrated in parts per million (ppm) nitrite as Sodium Nitrite (NaNO_2). Each minor division on the Titrator scale equals 20 ppm.

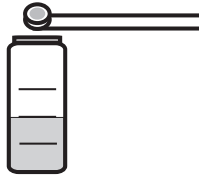
NITRITE TESTING PROCEDURE

1



Fill the test tube (0778) to the 10 mL line with the sample water.

2



Use the 0.5g spoon (0698) to add 0.5g of *Nitrite Reagent #1 Powder (7102).

3



Cap and swirl to mix until powder is dissolved.

4

Fill Direct Reading Titrator (0384) with Nitrite Reagent #2 (7103).



5

Insert the Titrator into the center hole of the test tube cap.



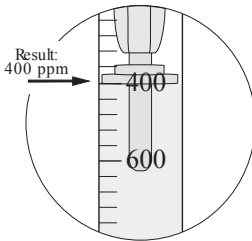
6

While gently swirling the tube, slowly press the plunger to titrate until a PINK color develops and remains for 30 seconds.



7

Read the test result where the large ring on the Titrator meets the Titrator barrel. Record as ppm Sodium Nitrite (NaNO_2).



8

If the plunger tip reaches the bottom line on the scale (1000 ppm) before the endpoint color change occurs, refill the Titrator and continue the titration.

When recording the test result, be sure to include the value of the original amount of reagent dispensed (1000 ppm).

LaMOTTE COMPANY

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