



NITRITE IN WATER KIT

DROP COUNT, 1 DROP = 100 ppm or 50 ppm

CODE 7101-01

QUANTITY	CONTENTS	CODE
30 g	*Nitrite Reagent #1 Powder	*7102-G
60 mL	Nitrite Reagent #2	7103PS-H
1	Spoon, 0.5 g, plastic	0698
1	Pipet, plain, glass	0342
1	Test Tube, 2.5-5-10-15-20 mL, glass, w/cap	0970-S

*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 the 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.

PROCEDURE

1. Fill test tube (0970-S) to the desired line (either 5 mL or 10 mL) with sample water.

5 mL sample: 1 drop = 100 ppm Sodium Nitrite

10 mL sample: 1 drop = 50 ppm Sodium Nitrite

2. Use the 0.5g spoon (0698) to add one level measure of Nitrite Reagent #1 Powder (7102). Cap and mix until dissolved.
3. Fill the pipet (0342) with Nitrite Reagent #2 (7103PS). While gently swirling tube, add Nitrite Reagent #2, one drop at a time, until solution turns pink and remains for 30 seconds. Count the number of drops added. Hold pipet vertically.
4. Multiply the number of drops used in Step 3 by the appropriate factor (depending on sample size). Record as parts per million (ppm) Sodium Nitrite (NaNO_2).

5 mL sample: Number of drops x 100 = ppm NaNO_2

10 mL sample: Number of drops x 50 = ppm NaNO_2

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