



TOTAL HARDNESS KIT

DROP COUNT

CODE 4482-LT-02

QUANTITY	CONTENTS	CODE
15 mL	*Hardness Reagent #5	*4483-E
50	Hardness Reagent #6 Tablets	4484A-H
60 mL	Hardness Reagent #7	4487WT-H
1	Test Tube, w/ cap	4488

*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 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.

NOTE: This test kit measures Total Hardness only.

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TOTAL HARDNESS TEST PROCEDURE

1



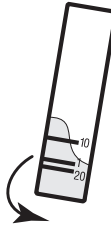
Fill the test tube (4488) to the desired line with the sample water,
Fill tube to upper line for results in ppm.
Fill tube to middle line for results in gpg.
Fill tube to lower line if the hardness level is above 200 ppm.

2



Add 5 drops of
*Hardness Reagent #5
(4483).

3



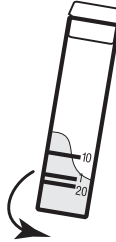
Swirl to mix.

4



Add 1 Hardness
Reagent #6 Tablet
(4484A).

5



Cap and mix until tablet
disintegrates. Solution will
turn red if hardness is
present. If solution is blue,
there is no measurable
amount of hardness.

6



While gently swirling the tube, add Hardness
Reagent #7 (4487WT) one drop at a time until the
red color changes to blue. Count the number of
drops added. Hold bottle vertically.

7

Multiply the number of drops used in Step 6 as follows:

Tube filled to:

Upper line: Number of drops x 10 = ppm Total Hardness as CaCO_3

Middle line: Number of drops x 1 = gpg Total Hardness as CaCO_3

Lower line: Number of drops x 20 = ppm Total Hardness as CaCO_3