




TOTAL HARDNESS KIT

Code 7246-02 | Drop Count, 1 drop = 2, 5, OR 10 ppm



QUANTITY	CONTENTS	CODE	
2 x 30 mL	*Hardness Reagent #5	*4483-G	
30 mL	*Hardness Reagent #6 Solution	*4485-G	
60 mL	Hardness Titrant 2	2788WT-H	
1	Sample Tube, 5-10-15-20-25-30 mL, w/cap	0715	
To order individual reagents or test kit components, use the specified code number.			<p>*Reagent is a potential health hazard. READ SDS: lamotte.com</p> <p>Emergency information: Chem-Tel USA 1-800-255-3924 Int'l, call collect, 813-248-0585</p> <div></div>

NOTE: This test allows the analyst to use different sample volumes to vary equivalencies. Select the appropriate sample volume from the table below and add reagents as specified.

SAMPLE SIZE EQUIVALENCE (ppm per drop)

25 mL	1 drop = 2 ppm
10 mL	1 drop = 5 ppm
5 mL	1 drop = 10 ppm

PROCEDURE

1. Rinse tube [0715] with water to be tested. Fill with desired sample size.
2. Add *Hardness Reagent #5 [4483] as follows:

25 mL sample 10 drops

10 mL sample 8 drops

5 mL sample 5 drops

Swirl to mix.

3. Add *Hardness Reagent #6 Solution [4485] as follows:

25 mL sample 5 drops

10 mL sample 3 drops

5 mL sample 2 drops

Swirl to mix. Solution will turn red if hardness is present. If solution is blue, there is no measurable amount of hardness.

4. Add Hardness Titrant 2 [2788WT], one drop at a time while swirling and counting the drops, until red color turns to blue. Hold bottle vertically.
5. Multiply number of drops used in Step 4 as follows:

25 mL sample multiply by 2

10 mL sample multiply by 5

5 mL sample multiply by 10

Record as ppm Hardness as CaCO₃.

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