

HARDNESS, TOTAL

TABELT · CODE 3671-SC

QUANTITY	CONTENTS	CODE
50	*HARNESS IG Tablets	*3883A-H
1	Tablet Crusher	0175





***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].

APPLICATION:	Drinking and surface waters; swimming pool water.
RANGE:	0 to 400 mg/L (as CaCO ₃) Hardness
MDL:	TBD
METHOD:	Calcium and magnesium react in a strongly buffered medium with an indicator to develop a pale purple color in proportion to the concentration.
SAMPLE HANDLING & PRESERVATION	Samples should be analyzed as soon as possible after collection. If storage is necessary, add 0.5 mL of 20% hydrochloric acid per 100 mL sample. However, the added acid will have to be neutralized with NaOH before testing.
INTERFERENCES:	Heavy metals will interfere.

Test Procedures

PROCEDURE

1. Press  and hold until colorimeter turns on.
2. Press  to select **Testing Menu**.
3. Select **All Tests** (or another sequence containing **047 Hardness T**) from **Testing Menu**.
4. Scroll to and select **047 Hardness T** from menu.
5. Rinse a clean tube [0290] with sample water. Fill to the 10 mL line with sample.
6. Insert tube into chamber, close lid and select **Scan Blank**.
7. Remove tube from colorimeter. Add one *HARDNESS IG Tablet [3883A]. Crush THOROUGHLY with Tablet Crusher [0175]. Cap.
8. Invert 3 times to mix.
9. Insert tube into chamber. Close lid. Select **Scan Sample**.
10. Press  to turn colorimeter off, select **Print Test** to print the results, or press  to exit to a previous menu or make another menu selection.



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