

WQA Hardness Test Kit

1 drop = 1 gpg as CaCO_3 / 15 mL

TK3120-Z

blue caps

KIT COMPONENTS:

ED2007-B	Hardness Titrant, 60 mL
EB1775-B	Eriochrome Black T Indicator, 60 mL
VL-1005-V	Vial, 10-50 mL

SAFETY TIPS:



Wear
Gloves



Use Eye
Protection



Read
SDS

TESTING TIPS:



Collect
Accurate
Sample



Hold
Bottles
Vertically

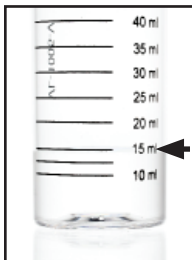


Ensure
Proper
Lighting

INTERFERENCES: Metals may cause difficulty in seeing the color change.

ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

1 Rinse vial three times with sample to be tested. **Fill vial to 15 mL.**



STEP 1

2 Add 10 drops of Eriochrome Black T Indicator (EB1775) and swirl to mix.

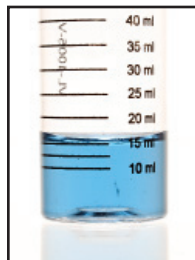
Note: The sample will turn red if hardness is present and blue if there is no hardness.



STEP 2

3 Add Hardness Titrant (ED2007) one drop at a time while swirling. Count the number of drops until the sample color changes from red to blue.

drops x 1 = gpg (grain per gallon) as CaCO_3



STEP 3