

YSI 9300 / 9500 reagent instructions

Total Hardness (YAP254L)

On the 9300 and 9500 photometers, total hardness (Hardicol) test samples will be run on the **Phot 15** test program following the YAP254L instructions outlined below.

Note: Strongly alkaline or acidic samples should be adjusted to within pH 4 to pH 10 before starting the test.

Select Hardness (Hardicol) program:

1. Choose "Phot 15" from the main menu.

Prepare your blank

2. Add 10 mL of sample to photometer tube
3. Insert into the cell holder and "Blank"

Prepare your sample

4. Add 12 drops of Hardicol liquid buffer and stir
5. Add 1 Hardicol No2 tablet. Crush and stir thoroughly until fully dissolved
6. Place sample into the cell holder
7. Set timer to 2 minutes, then Exit and Read. Timer will count down and read out a CaCO_3 mg/L value.