

Read "Jump Start" before beginning!

*Potential Health Hazard: Read product label before use. See lamotte.com for SDS. Emergency information for all LaMotte reagents is available from Chem-Tel (US, 1-800-255-3924) (International, call collect, 813-248-0585).

Code 3368-CN-01

Free Chlorine Cl₂

Ideal Range:
1.0 - 3.0 ppm

- 1 Insert Chlorine Octa-Slide 2 Bar [3401-01/3428-01 /3430-01] into the Octa-Slide 2 Viewer [1101].
- 2 Fill tube [0106] to 5 mL line with sample water.
- 3 Add one DPD #1R Tablet [6999A-CN] to tube. Cap and mix until tablet disintegrates.
- 4 Insert test tube into Octa-Slide 2 Viewer.
- 5 Match sample to a color standard. Record as ppm Free Chlorine. Do not discard sample if Total Chlorine is to be tested.

Total Chlorine Cl₂

Ideal Range:
Equal to Free Cl₂ or
Combined Cl₂ >0.2

- 1 Insert Chlorine Octa-Slide 2 Bar [3401-01/3428-01 /3430-01] into the Octa-Slide 2 Viewer [1101].
- 2 Remove cap from the Free Chlorine reaction.
- 3 Add one DPD #3R Tablet [6995A-CN] to tube. Cap and mix until tablet disintegrates.
- 4 Insert test tube into Octa-Slide 2 Viewer.
- 5 Match sample to a color standard. Record as ppm Free Chlorine. Total Chlorine.

Bromine

Multiply results above by 2.5,

pH

Ideal Range:
7.2 - 7.8 pH

- 1 Insert pH Octa-Slide 2 Bar [3403-01] into the Octa-Slide 2 Viewer [1101].
- 2 Fill tube [0106] to 10 mL line.
NOTE: If Chlorine is >8.0 ppm, add 1 drop of Chlorine neutralizer [Sodium Thiosulfate] to the pH test sample before adding the tablet.
- 3 Add one Phenol Red Tablet [6915A-CN] to tube. Cap and mix until tablet disintegrates.
- 4 Insert test tube into Octa-Slide 2 Viewer.
- 5 Match sample to a color standard. Record as pH.

Total Alkalinity Alk

Ideal Range:
100-150 ppm

- 1 Add one Alk Test Tablet [3920A-CN] to a test tube [0969].
- 2 Use the sample bottle [0688] to add sample water to the 400 ppm line.
- 3 Gently swirl to disintegrate the tablet.
- 4 If a green color is present alkalinity is above 400 ppm. If color is red, go to Step 5.
- 5 Add small amounts of sample water until red color changes to green. Swirl tube between each addition! Read result at liquid level on tube.

Ca Hardness Hard

Ideal Range:
200 - 400 ppm

- 1 Add one *Calcium Hardness Tablet [6846A-CN] to a test tube [0969].
- 2 Use the sample bottle [0688] to add sample water to the 400ppm line.
- 3 Gently swirl to disintegrate the tablet.
- 4 If a pink color is present hardness is above 400 ppm. If color is purple, go to Step 5.
- 5 Add small amounts of sample water until purple color changes to pink. Swirl tube between each addition! Read result at liquid level on tube.

Cyanuric Acid CyA

Ideal Range:
30 - 100 ppm

- 1 Remove square tube and cap from double tube [1161]. Fill round tube to top line with sample.
- 2 Add one *Cyanuric Acid Tablet [6994A-CN], cap with solid cap and mix until tablet disintegrates.
- 3 Replace solid cap with the calibrated square tube and cap collar. The square tube will fill with turbid liquid.
- 4 Viewing from above, adjust the square tube until the black dot just barely disappears. Read result on tube at the water level.

NOTE To read above 100 ppm, retest by adding sample to lower line, add tap water to top line. Multiply result x 2.

NO
YES