

Read "Jump Start" before beginning!






*Potential Health Hazard.
Read MSDS at www.lamotte.com before use.

Code 3366-01/Code 3366-NJ-01

Free Chlorine

Cl₂





Ideal Range:
1.0 - 3.0 ppm

1. Fill tube (0106) to 5 mL line with sample water. 
2. Add one *Chlorine DPD #1R Tablet (6999A) to tube. Cap and mix until tablet disintegrates. 
3. Insert Chlorine Octa-Slide 2 Bar (3401-01/3428-01) into the Octa-Slide 2 Viewer. 
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. Remove cap from the Free Chlorine reaction. 
2. Add one *Chlorine DPD #3R Tablet (6905A) to tube. Cap and mix until tablet disintegrates. 
3. Insert test tube into Octa-Slide 2 Viewer. 
4. Match sample to a color standard. Record as ppm Total Chlorine. Total Chlorine minus Free Chlorine equals Combined Chlorine. 

Bromine

Multiply results above by 2.25.

pH






Ideal Range:
7.2 - 7.8 pH

1. Fill tube (0106) to 10 mL line with sample water. 
2. Add one Phenol Red Tablet (6915A) to tube. Cap and mix until tablet disintegrates. 
3. Insert pH Octa-Slide 2 Bar (3403-01) into the Octa-Slide 2 Viewer. 
4. Insert test tube into Octa-Slide 2 Viewer. 
5. Match sample to a color standard. Record as pH. 

Total Alkalinity

Alk





Ideal Range:
80 - 120 ppm plaster
100 - 150 ppm vinyl & others

1. Add one *Alk Test Tablet (3920A) 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 plaster
175 - 300 ppm vinyl

1. Add one *Calcium Hardness Tablet (6846A) 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 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. 