

When taking a reading, hold DipCell comparator so that you are looking above the horizon with sunlight coming over your shoulder.

Free Chlorine CL₂	<ol style="list-style-type: none"> 1 Fill DipCell to the fill line with sample. 2 Add 5 drops of DPD 1A and 5 drops of *DPD 1B. Cap and invert to mix. 3 Match sample color to a color standard. Record result as ppm Free Chlorine.
----------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Total Chlorine CL₂	<ol style="list-style-type: none"> 1 Remove cap and add 5 drops of *DPD 3. 2 Cap and invert to mix. 3 Match sample color to a color standard. Record result as ppm Total Chlorine. <p>NOTE: Total Chlorine - Free Chlorine = Combined Chlorine</p>
-----------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

pH	<ol style="list-style-type: none"> 1 If DipCell is empty, fill to line with sample. 2 Add 5 drops of *pH indicator. Cap and invert to mix. 3 Match sample color to a color standard. Record as pH. If pH is not within desired range, retain sample for Acid/Base Demand test.
-----------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Acid Base	<ol style="list-style-type: none"> 1 Remove cap from DipCell. 2 If pH is HIGH: Add *Acid, one drop at a time, and mix until color matches desired pH. See chart for dosage recommendation. 3 If pH is LOW: Add Base, one drop at a time, and mix until color matches desired pH. See chart for dosage recommendation.
------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Total Alkalinity Alk	<ol style="list-style-type: none"> 1 Fill tube (0929) to the upper X10 line with sample. 2 Add 5 drops of *Alk 1. Swirl to mix. 3 Add *Alk Titrant dropwise while swirling until color changes from blue-green to RED. Record total drops. 4 Each drop equals 10 ppm Total Alkalinity. <p>Note: for HIGH range tests: Fill to X20 line in Step 1. Each drop = 20 ppm Alkalinity.</p>
--------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Calcium Hardness Hard	<ol style="list-style-type: none"> 1 Fill tube (0929) to the lower X20 line with sample. 2 Add 5 drops of *Hard 1 and 5 drops of *Hard 2. Swirl to mix. 3 Add Hard Titrant dropwise while swirling until color changes from red through purple to BLUE. Record total drops. 4 Each drop equals 20 ppm Ca Hardness. <p>Note: for LOW range tests: Fill to X10 line in Step 1. Each drop = 10 ppm Calcium Hardness</p>
---------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Cyanuric Acid CYA	<ol style="list-style-type: none"> 1 Remove square tube and cap from round tube. Fill round tube to top line with sample. 2 Add one *CYA tablet. Crush tablet with tablet crusher. Mix until disintegrated. 3 Insert square tube into round tube. 4 Viewing from above, adjust the square tube until the black dot just barely disappears. Read result in ppm CYA at water level WITHIN SQUARE TUBE. <p>Note: To read above 100 ppm retest by adding sample to lower line, add tap water to top line. Multiply result by 2.</p>
-----------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

*Hazardous materials: Read MSDS and product label before use.

LaMotte Company • Chestertown • Maryland • 21620

7013 • DL-51 • 3/02