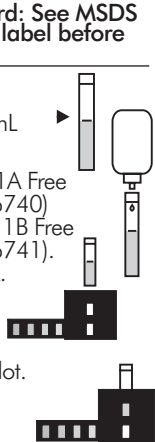


***Potential health hazard: See MSDS CD and read product label before use.**

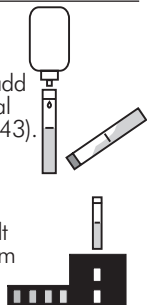
Free Chlorine

1. Fill tube (0106) to 5 mL line with sample.
2. Add 5 drops of DPD 1A Free Chlorine Reagent (P-6740) and 5 drops of *DPD 1B Free Chlorine Reagent (P-6741). Cap and invert to mix.
3. Insert tube into top of Octa-Slide Viewer. Slide chlorine Octa-Slide into side slot.
4. Read test result from Octa-Slide in ppm Free Chlorine. Retain sample if Total Chlorine



Total Chlorine

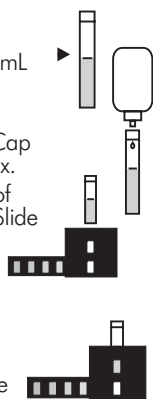
1. Remove cap from Free Chlorine sample and add 5 drops of *DPD 3 Total Chlorine Reagent (P-6743).
2. Cap tube and invert to mix.
3. Insert tube into top of viewer. Read test result from Octa-Slide in ppm Total Chlorine.



NOTE: Total Chlorine minus Free Chlorine equals Combined Chlorine.

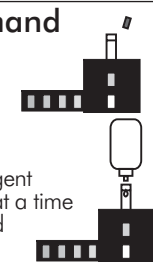
pH

1. Fill tube (0106) to 5 mL line with sample.
2. Add 5 drops of *pH Indicator (P-7026). Cap tube and invert to mix.
3. Insert tube into top of Octa-Slide Viewer. Slide pH Octa-Slide into side slot.
4. Read test result from Octa-Slide in pH units. If pH is not in desired range, retain sample for Acid/Base Demand.



Acid/Base Demand

1. Remove cap from pH tube in viewer. Leave pH Octa-Slide in viewer.
2. If pH is High: add *Acid Demand Reagent (P-6068) one drop at a time and mix until desired color match occurs. Record drops.
3. See chart for recommended dosage.
4. If pH is Low: add Base Demand Reagent (P-6460) one drop at a time and mix until desired color match occurs. Record drops.
5. See chart for recommended dosage.



Alkalinity

1. Fill tube (0929) to upper line with sample.
2. Add 5 drops of *Alk 1 Indicator (P-7028). Swirl to mix.
3. Add *Alk Titrant (P-6111) dropwise while swirling until color changes from blue-green to RED. Record total drops.
4. Each drop equals 10 ppm Total Alkalinity.

NOTE: If tube is filled to lower line, each drop equals 20 ppm Alkalinity.



Calcium Hardness

1. Fill tube (0929) to lower line with sample.
2. Add 5 drops of *Hard 1 Reagent (P-4259) and 5 drops of *Hard 2 Reagent (P-7030). Swirl to mix.
3. Add Ca Hard Titrant (P-7031) dropwise while swirling until color changes from red to BLUE. Record total drops.
4. Each drop equals 20 ppm Calcium Hardness.

NOTE: If tube is filled to upper line, each drop equals 10 ppm Ca Hardness.



NOTE: For accurate results in pools with low pH and high alkalinity readings, the alkalinity level must be adjusted to the proper range before performing Base Demand test.

Cyanuric Acid

1. Fill small round tube (1161) to top line with sample.
2. Add one *Cyanuric Acid Tablet (6994A). Cap and shake to dissolve.
3. Replace solid cap with calibrated square tube and cap collar (no brush). 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 at water level within the square tube.

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



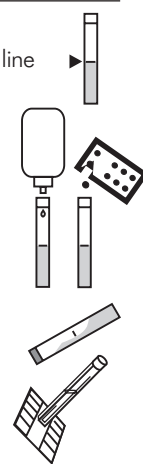
Copper

1. Fill tube (0106) to 5 mL line with sample.
2. Add 3 drops of *Copper 1 (P-6446) to tube.
3. Cap tube and invert to mix.
4. Remove cap and place bottom of tube on white area of color chart.
5. Looking down through the tube, match Copper color to color chart and record result.



Iron

1. Fill tube (0106) to 5 mL line with sample.
2. Add 5 drops of *Iron 1 Reagent (P-4450) and one *Iron 2 Tablet (T-4451A) to tube.
3. Cap and shake tube to dissolve tablet.
4. Remove cap and place bottom of tube on white area of color chart.
5. Looking down through the tube, match Iron color to color chart and record result.



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