

CHLORIDE ION LENGTH-OF-STAIN DETECTOR TUBES

PERFORMANCE:

Measuring Range: 0 - 2,000 ppm
Sampling Time: 1-5 minutes approximately
Color Change: Pink - White
Detectable Limit: 1 ppm
Storage Condition: In a cool dark place, not exceeding 25°C (77°F)

Read carefully the "User Responsibility" section prior to using this product.

CORRECTION FOR AMBIENT CONDITIONS:

No temperature correction is necessary when the sample solution is 5°C (41°F) to 80°C (176°F).

INTERFERENCES:

Coexistence of Bromide ion, Iodide ion or Cyanide ion respectively with Chloride ion gives higher readings. Sulfide ion produces a brown stain and the coexistence with Chloride ion produces a brown stain in the bottom of the stained layer and gives higher readings. The pH values should be within 4.0 and 13.0

CHEMICAL REACTION IN THE DETECTOR TUBE:

$\text{NaCl} + \text{Ag}_2\text{CrO}_4 \rightarrow \text{AgCl}$

CAUTION:

Keep detector tubes out of the reach of children and tubes should be discarded in accordance with relevant regulations.

USER RESPONSIBILITY:

For accurate results, all components of this kit must be used in accordance with the instructions provided.

It is the sole responsibility of the user of this equipment to ensure that the equipment is operated, maintained and used in strict accordance with these instructions. Do not use titration tubes beyond their expiration date or that have a color different than referred to under **PERFORMANCE**. The manufacturer and manufacturer's distributor shall not be otherwise liable for any incorrect measurement or any damages, whether damages result from negligence or any other cause whatsoever.

CHLOR*TEST™ "W"

(Chloride Ion Test for Water/Liquids)



Field Test Instructions



Manufactured by CHLOR*RID International, Inc.

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CHLOR*TEST™ "W"

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Read complete instructions before removing titrator tube from packet.

CAUTION: Protect eyes and hands when breaking ends off tube.

Step 1: Remove dropper assembly cap from bottle.

Step 2: Using the dropper assembly, transfer water or liquid into the sample bottle (approximately ½ inch deep).



Step 3: Using caution not to touch the arrow end of the glass titrator tube (to avoid contamination), insert the tube all the way into the metal snapper and break off the end.



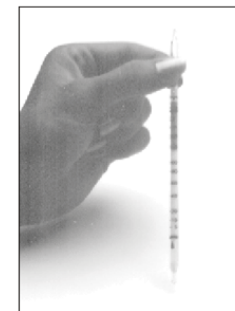
Do not touch arrow end of titrator tube with fingers.

Step 4: Insert the titrator tube, arrow end down, into the liquid.



Step 5: Wait approximately one and one-half minutes or until the solution has wicked-up (capillary action) to the top of the titrator tube. The cotton at the top of the tube will change color to amber when fully saturated.

Step 6: Remove and read the number on the tube at the interface of the color change (pink is normal, white is the chloride level). This number is parts per million (ppm) chloride (Cl⁻).



STANDARD WEIGHT CONVERSION

100 ppm = 0.01% by weight

Patent Pending.