

## CHLORIDE ION LENGTH-OF-STAIN DETECTOR TUBES

### PERFORMANCE:

Measuring Range: 1-60 ppm  
 Sampling Time: 1.5 - 2 minutes  
 Color Change Pink-White  
 Detected 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 40°C (104°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 2.0 and 13.0

### CHEMICAL REACTION IN THE DETECTOR TUBE:

$Cl^- + Ag_2CrO_4 \rightarrow AgCl$

### CAUTION:

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

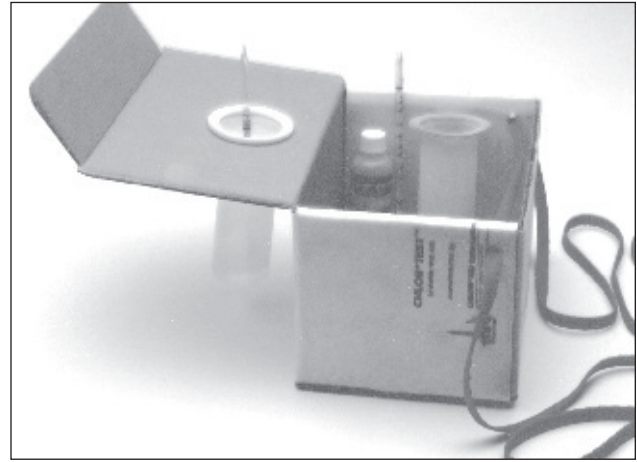
### USER RESPONSIBILITY:

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 otherwise.

# CHLOR\*TEST™

Chloride Ion Field Test



## Field Test Instructions

Complies with ISO 8502-5 & SSPC Guide 15  
 PATENTED COMPONENTS

Manufactured by CHLOR\*RID International, Inc.

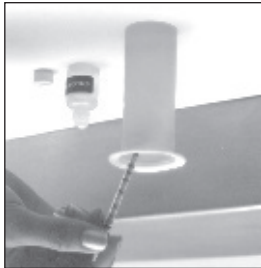
P.O. Box 908 Chandler, Az 85244  
 Phone 480-821-0039 800-422-3217  
 Fax 480-821-0364 www.chlor-rid.com



Components of this test kit are accepted at most recycling programs - CHLOR\*RID encourages recycling of the cardboard and plastic included in this test kit.



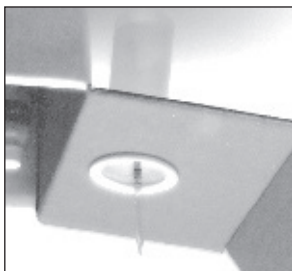
When chloride test levels exceed specification requirements, use CHLOR\*RID®, liquid soluble salt remover for decontamination. Pink is the original color. Any white color above the thick blue line is the chloride level. This number is micrograms per square centimeter ( $\mu\text{g}/\text{cm}^2$ ) and parts per million (ppm); the ratio is 1 to 1 for this test.



6. Remove titration tube and read the corresponding number at the interface of the color change. Disregard any yellow coloring in the tube while test is in progress. If liquid does not begin to travel up the tube, place black rubber bulb over top end and squeeze once to assist suction action.



5. Using caution not to touch arrow end of the titration tube, snap off both ends with the metal snapper provided. Then insert titration tube into the test sleeve with smaller numbers and arrow at bottom. Wait until solution is wicked-up to the top of the titration tube. Cotton at top of titration tube will turn to amber when saturated. Disregard any yellow coloring in the tube while test is in progress. If liquid does not begin to travel up the tube, place black rubber bulb over top end and squeeze once to assist suction action.



4. Punch out perforated hole in box lid and insert sleeve with extract solution into the hole in box lid.

When massage is complete, remove the test sleeve. For vertical or overhead surfaces, extract solution will return to lowered area in test sleeve. For horizontal surfaces - press and slide finger across sleeve to move solution to closed end of sleeve prior to removal.

3. Firmly apply test sleeve to test surface. Lift and hold the free end of the test sleeve upright to allow extract solution to come into contact with test surface. Use other hand to massage the solution through the test sleeve against the surface for 2 minutes - extending massage time, up to 6 minutes, will result in increased extraction efficiency.



2. Peel off pressure sensitive backing from test sleeve; then remove the air between fingers and thumb. When evacuating air, do not spill CHLOR\*EXTRACT™ from sleeve.



1. Remove cap from CHLOR\*EXTRACT™ solution bottle and pour entire contents into CHLOR\*SLEEVE®.

**CAUTION: Protect eyes and hands. Do not touch arrow end of glass titration tube with fingers.**



A string is provided, to loop through the small holes in the ends of the box and can be tied around the waist, for hands free climbing.

Read complete instructions before opening CHLOR\*TEST Packet. When testing corroded surfaces, remove rust and dust. Test locations of paint blistering & pits and delamination of coating. Discard per Local, State and Federal regulations.

(Chloride Ion Field Test)  
**CHLOR\*TEST™**