

# CHLOR\*TEST A™

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## PRODUCT

**CHLOR\*TEST A™** is the only complete method to field test abrasives for chlorides. This new product has been developed for ease of use and to prevent outside cross contamination during field test procedures. This revolutionary new test method is so complete and easy to use that even the least experienced inspector can get accurate results. Test kit includes everything necessary for testing.

## INNOVATIVE FEATURES

- **CHLOR\*TEST A™** uses ASTM D4940 principals, but offers the additional value of chloride ion specific measurements
- **CHLOR\*TEST A™** eliminates cross contamination through one time use of individual components. The components are premeasured to ensure accurate results in parts per million. In addition, no temperature correction is needed from 5°C (41°F) to 80°C (176°F).

## PROCEDURES

- **DO NOT TOUCH ARROW END OF GLASS TITRATOR TUBE WITH FINGERS.**
- STEP 1.** Overfill the small container with abrasive and level-off with the metal snapper.
- STEP 2.** Remove the lid from the container with the CHLOR\*EXTRACT™ solution. Pour the abrasive into the solution. Replace the lid tightly.
- STEP 3.** Shake the container vigorously for two minutes. Allow the container to set for approximately 5 minutes or until there is about 1/2 inch of clear solution at the top before proceeding.
- STEP 4.** Using caution not to touch the arrow end of the glass titrator tube, insert the tube all the way into the metal snapper and break off each end.
- CAUTION: Protect eyes and hands when breaking ends off tube.**
- STEP 5.** While holding the titrator tube, insert the arrow end of the tube into the clear solution in the mixing container. **Do not** insert the tube into the abrasive as this will plug the tube.
- STEP 6.** 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 7.** 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-) Recommended ppm chloride is not to exceed 7.

## Standard Weight Conversion

100 ppm = 0.01% by weight

Example: 100 ppm + 0.2 lbs Cl-/ton

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