



## **Cooling Tower Inhibitor Test Instructions**

**These instructions apply to the following products:  
CT-100, CT-110, CT-120, CT-130, CT-140, CT-142 and 7618.**

Test Reading: Determines level of scale and corrosion inhibitor in system.

1. Fill vial to the top mark (25 mils) with tower water. Can also be run by measuring the 25 mils into a casserole.
2. Add three (3) spoonfuls Organic Indicator Reagent #200 to sample and mix.
3. Add Organic Acid Solution #201 to sample, one (1) drop at a time until the sample changes from purple to lemon yellow. Add additional Organic Acid Solution #201 until no further intensity of yellow is reached; then add three (3) more drops.
4. Add Organic Titrating Solution #202 one (1) drop at a time using the dropper pipette from the 2-ounce bottle. Count the drops, watching where the drop enters the sample until the drop becomes less purple than the surrounding sample with no increase in color intensity. The end point has been reached when the drop looks clear going into a purple liquid.

If less than 8 drops are required to change color, increase the applicable product by raising the setting on the chemical pump.

If more than 12 drops are required to change color, decrease the applicable product by lowering the setting on the chemical pump.