

**THE CLEANEST CHICKEN
IN THESE PARTS.**



SES

Food Safety Specialists

Get ahead of 2015's tougher parts regulations with our highly effective, *Acid-Fortified Calcium Hypochlorite* process.

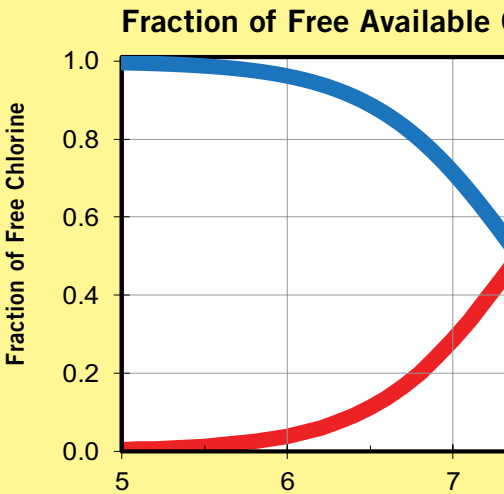
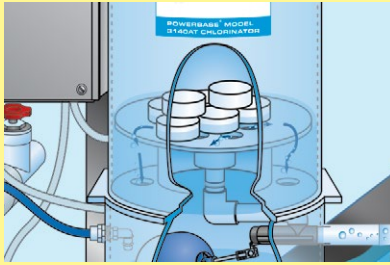
Just when you thought you had safety regulations nailed down, a new one on your poultry parts appears. For once, wouldn't it be great to have a practical solution right at hand? How about a solution that is efficient, easily integrated into your current pathogen intervention strategy, based on sound chemistry and ready today? Accu-Tab® and AcidRite® systems from Axiall Water Treatment Products could well be the practical solution you're looking for.



Bacteria Killer Combination



The Accu-Tab[®] system provides the bacteria killing power of chlorine. The AcidRite[®] system optimizes chlorine's strength by keeping pH levels in check.

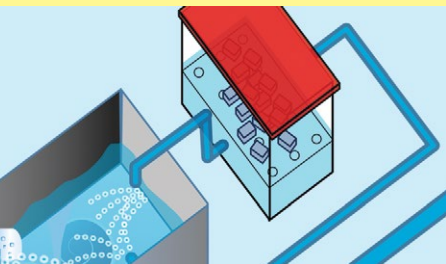


Is your plant ready to meet future requirements for *bacteria* testing on parts?

The current bacterial testing requirements for poultry are left over from an era when mostly whole birds were sold. The USDA collected data and determined that bacteria found on chicken parts were many times higher than on intact chicken carcasses. No one knows exactly when or by how much the regulations will change, but proactive thinkers are getting ahead of the curve with a practical approach to killing bacteria using our *Accu-Tab* and *AcidRite* systems.

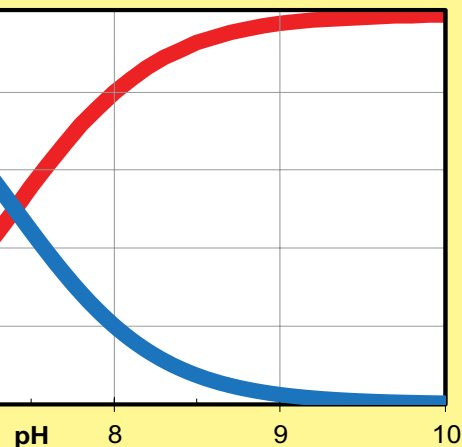
How can Axiall Water Treatment Products and SES help?

Axiall's *Accu-Tab* calcium hypochlorite-based tablet chlorination system provides a consistent level of chlorine to poultry processing operations. When combined with our *AcidRite* sodium bisulfate tablet system, chlorine efficacy is boosted to help achieve the optimum bacterial kill rates.



In most cases, SES can integrate *Accu-Tab* and *AcidRite* systems to enhance your current pathogen intervention strategy.

Chlorine in Form of HOCl, OCl-



How do the *Accu-Tab* and *AcidRite* systems work together to make chlorine much more effective?

When a hypochlorite from an *Accu-Tab* tablet is dissolved in water, some of the hypochlorite ion (OCl^-) is converted to hypochlorous acid (HOCl). The HOCl is a much stronger disinfectant than the OCl^- ion, killing microbial pathogens much more quickly than does the ion. As per the chart above, when the pH is lower there is a much greater percentage of the available chlorine in the more effective HOCl form.

In order for chlorine to be in its most effective form, the pH of the water must be controlled throughout the entire process. The *AcidRite* tablets provide a far safer and easier method for adjusting pH.

