



We Know How To *Treat Food*

ACIDIFIED SODIUM CHLORITE

Commonly known as ASC, Acidified Sodium Chlorite is produced by mixing a solution of sodium chlorite (CAS Reg. No.7758-19-2) with any generally recognized as safe (GRAS) acid. ASC is approved for use as a post-harvest and food safety intervention treatment and antimicrobial in a variety of food processing environments.

FEATURES

- Disinfection and Pathogen control
- Can be applied directly to food products
- Effective against a broad spectrum of microorganisms
- More active than hypochlorites

BENEFITS

- USDA and FDA Approved
- Wide range of food industry applications
- Leaves no residual taste or odor
- Lower overall application cost vs. other intervention chemicals



Approved uses, per 21 CFR 173.325

Beef

Approved at up to 1200 PPM on whole carcasses, parts, organs, and processed, comminuted, or formed products. Applied as a spray or a dip.

Poultry

Approved for use up to 1200 PPM intact carcasses, carcass parts, poultry meat, organs or trim, and processed, comminute, or formed products. Used in prechiller and chilling solution, as well as applied as a spray or a dip.

Seafood

Approved for up to 50 ppm in water or ice used to rinse, wash, thaw, transport, or store product. Approved for use of up to 1200 ppm as a spray or dip in single application processing facilities.

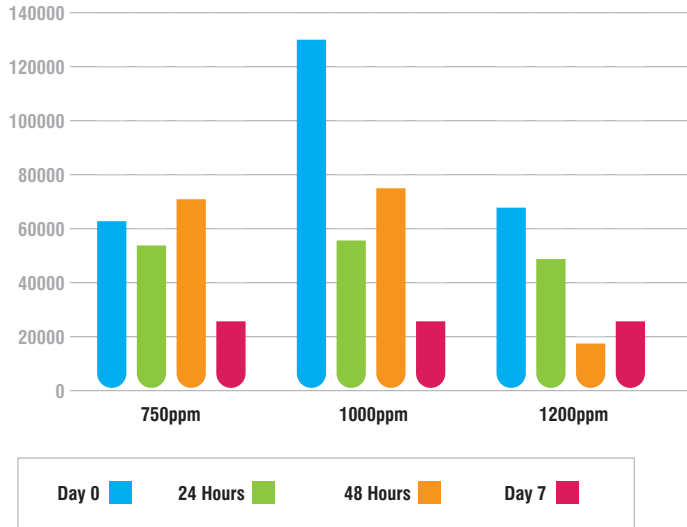
Fruits and Vegetables

Approved for up to 1200 ppm as a spray or dip for raw and processed products. Fresh water rinse or further processing required before consumption.

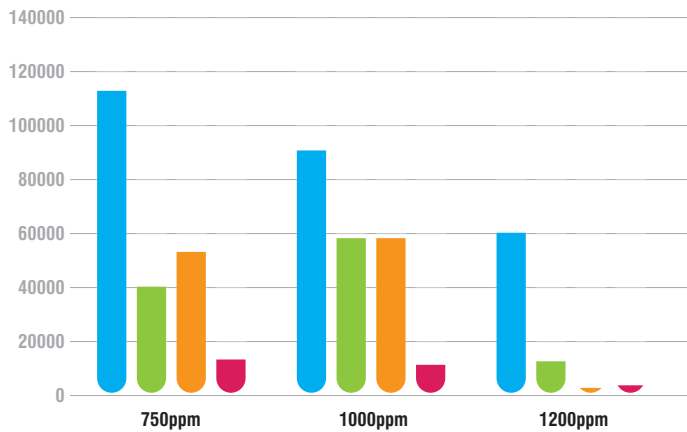
Validation Study on Beef Carcasses

Results of ASC Treatment On Beef Carcasses

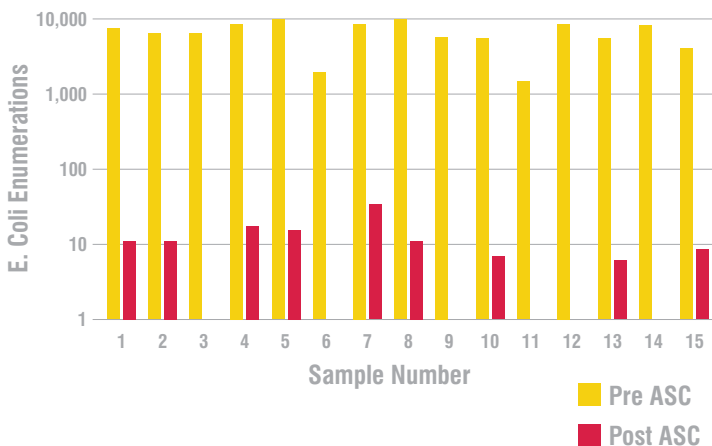
Salmonella: Initial inoculum - 320,000 cfu log value = 5.51



O157: Initial inoculum - 250,000 cfu log value = 5.54



E.Coli Before & After Treatment - Kill Floor: 1100ppm, pH 2.8



At Crimson Chemicals, we can provide your equipment solutions:

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Our custom built systems are designed to fit a wide variety of water treatment applications at an affordable price. Choose from one of our standard prefabricated units or customize the system to fit your particular needs. All of our systems are designed to be service-friendly and easy to install and maintain.

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To learn more about our food solutions contact our office at:

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