

# TSUNAMI™ 100: REDUCING MICROBIAL RISK

## Solution Story

### CHALLENGES

A US frozen strawberry producer wanted to improve microbial results at two plants currently using acidified chlorine as an antimicrobial intervention.

### DELIVERED RESULTS:

TSUNAMI 100 IMPROVED AVERAGE LOG REDUCTION (CFU/mL APC) BY

**1.8X TO 19X**  
over Chlorine

### SOLUTION

A two-phase microbiological efficacy study was performed to optimize dosing levels across different application types in conjunction with evaluation of microbial results. The results of the pilot trial at plant 1 identified **50 ppm of Tsunami 100 as the target dosing level and significant improvement over the chlorine currently in use.** The same concentration was then used in a full shift run at plant 2.

