



Alliance Analytical Laboratories, Inc.

179 West Randall St., Coopersville, MI 49404

phone: 616-997-5555 | fax: 616-837-7701 | web: www.aatestlabs.com



Acidified Sodium Chlorite Kit

Kit Part No. SC032K

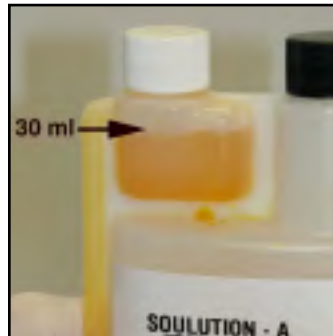
To be an effective antimicrobial, the complete acidified sodium chlorite solution must be made by combining solutions A, B & C into 1 quart (32 oz.) of potable water. This will yield 1100 ppm. at a pH of 5.0 – 7.5.

DIRECTIONS:

1. Loosen the cap on the top of the measuring reservoir and gently squeeze the bottle forcing the fluid into the reservoir to the 30 ml. mark. Figures 1 & 2.
2. Pour the measured amount of Part A into a spray bottle which has been filled with 1/2 quart (approx. 16 oz.) of potable water. Figure 3.
3. Measure 30 ml. of Part B in a similar fashion and pour it into the spray bottle container. Figure 4.
4. **STOP: ALLOW SOLUTIONS A & B TO REACT FOR 30 – 45 MINUTES.** Figure 5.



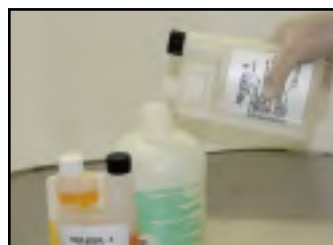
◀ **Figure 1**
Loosen reservoir cap and gently squeeze liquid from bottle into measuring reservoir.




◀ **Figure 2**
Fill measuring reservoir to the 30 ml. mark.



◀ **Figure 3**
Pour 30 ml. of Part A into 1/2 quart (16 Oz.) of potable water in a sprayer container.




◀ **Figure 4**
Measure 30 ml. of Part B and pour into sprayer container then STOP 

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5. After the allotted time, measure 30 ml. of Part C and add it to the spray bottle container. Figure 6.
6. After adding part C, fill the sprayer with potable water to the 1 quart (32 oz.) mark. Mix well.
7. Use the pH & Chlorine Dioxide (ClO₂) test strips to ensure proper solution values.
pH = 5.0-7.5; ClO₂ is less than 30 ppm
8. Replace the spray head on the sprayer bottle.
9. Spray the product with the Acidified Sodium Chlorite solution. Figure 7.
10. Turn the product over to expose the opposite side. Figure 8.
11. Spray the opposite side of the product. Figure 9. Make sure the spray contacts all surfaces.



◀ **Figure 5**
 **STOP! Allow Part A and Part B mixture to react for 30 – 45 minutes before proceeding.**



◀ **Figure 6**
Pour 30 ml. of Part C into the sprayer container and fill with potable water to 1 quart (32 oz.) mark.



◀ **Figure 7**
Spray the product with the Acidified Sodium Chlorite mixture.



◀ **Figure 8**
Turn the product to expose the opposite side.



◀ **Figure 9**
Spray the opposite side of the product with the Acidified Sodium Chlorite solution to contact all surfaces.

Contact Alliance Analytical Laboratories, Inc. for additional kits or replacement components. 1-616-997-5555

Description	Part No.
Acidified Sodium Chlorite Kit	SC032K
64 oz. Replacement Sprayer1998TL
Part A, 16 oz. Calibration Container	SC016A
Part A, 1 gallon Refill	SCR01A
Part B, 16 oz. Calibration Container	SC016B
Part B, 1 gallon Refill	SCR01B
Part C, 16 oz. Calibration Container	SC016C
Part C, 1 gallon Refill	SCR01C
pH Test StripsSCPH01
Chlorine Dioxide Test StripsSCCD01

NOTE: Acidified Sodium Chlorite solution is stable for 3 months.

Acidified Sodium Chlorite is approved as an Antimicrobial Agent for red meat, red meat parts and organs and on processed, comminuted, formed meat products, poultry carcasses and parts under FSIS Directive 7120.1 Safe and Suitable Ingredients Used in the Production of Meat and Poultry, Amendment No. 14.

Citric acid is approved for Food for Human Consumption 21 CFR § 184.1033

Sodium Chlorite is Parve & Kosher Approved.

Citric Acid is Approved Kosher