

DETERGENT RESIDUE TEST

Facility/Laboratory Name: _____

Date of last Check: _____

Brand: _____

Analyst ID # or Initials: _____

Lot #(s): _____

Use Sample Dilutions that will yield 25 to 250 colonies.

	DILUTION 1:100			DILUTION 1:1000		
	1	2	3	1	2	3
<u>Group A</u> Dishes Washed Normally and Sterilized						
<u>Group B</u> Dishes Washed in Acid Detergent Solution, then in Castile Soap. Rinsed four(4) times in tap water, six (6) times in MS Water, Sterilized						
<u>Group C</u> Dishes dipped in Detergent Solution and sterilized without rinsing.						

1. % Difference: Group A to Group B: _____ Group A to Group C: _____

Example: $\text{Group A (120) - Group B (110) / Group A (120) X 100 = 8.3\% \text{ decrease.}$

2. There should be no significant difference in the counts between Group A and Group B.

3. A reduction in bacterial count of over 20%, or diminished size of colonies in plates of Group C indicate detergent used is **not acceptable.**