

EXAMPLE TEST REPORT #3
Antimicrobial Time Kill Test
Report Transmittal and Recommendation

April 1, 1999

Mr./Mrs. Customer
Any Company
Any Town, USA

Dear Mr./Mrs. Customer,

Enclosed please find a copy of our microbiology laboratory report outlining the results of the "Antibacterial Time Kill" test conducted on the following sample:

Liquid Dish Detergent/Antibacterial Hand Soap – Containing PCMX

Please feel free to contact me if you have any questions.

Very truly yours,



Donald F. Greene
Microbiologist

SURCIDE PCMX
TECHNICAL SERVICE LABORATORY REPORT

Antibacterial Hand Soap Time Kill Study

REPORT NUMBER: 123-456

COMPANY: Any Company, USA

SAMPLE(S): Liquid Dish Detergent/Antibacterial Hand Soap - Containing PCMX

Contamination Check

The sample was evaluated for initial microbial content and was found to be free of microbial contamination.

Procedure

An inoculum was prepared by mixing 0.25ml of a 24 hour broth culture of the test organisms with 9.75ml of sterile 0.9% saline solution. A serial dilution/viable cell count was prepared on the inoculum to determine the number of organisms/ml of inoculum. One ml of the inoculum was added to 9.0ml of the formulation and mixed with a sterile glass rod. After the approved contact time (60 seconds and 120 seconds), one ml aliquot of the inoculum/product was removed and added to Lethen Neutralizer Broth to neutralize the active ingredient. A second serial dilution/viable cell count was performed on this aliquot to determine the number of surviving organisms. The viable cell counts after 60 and 120 seconds were compared to the initial base line inoculum counts in order to determine the percent (%) of reduction factor (RF). The reduction factor is the % reduction of the challenge organism(s) from the initial baseline population. The RF is calculated as the VCC/Baseline x 100 = X. 100% - X = RF (in %).

Test Organisms

- Staphylococcus aureus ATCC 6358
- Escherichia coli ATCC 8739
- Pseudomonas aeruginosa ATCC 15442

RESULTS:

BASELINE EXPOSURE

SAMPLE	ORGANISM	COUNT	TIME	VCC	RF (% REDUCTION)
Liquid Dish/ Antibacterial Hand-Soap	E.coli	1,309,000	60 sec	4,000	99.694%
Liquid Dish/ Antibacterial Hand-Soap	E.coli	1,309,000	120 sec	1,030	99.921%
Liquid Dish/ Antibacterial Hand-Soap	S.aureus	2,600,000	60 sec	<10	>99.999%
Liquid Dish/ Antibacterial Hand-Soap	S.aureus	2,600,000	120 sec	<10	>99.999%
Liquid Dish/ Antibacterial Hand-Soap	Ps.aeruginosa	8,727,000	60 sec	265	99.996%
Liquid Dish/ Antibacterial Hand-Soap	Ps.aeruginosa	8,727,000	120 sec	<10	>99.999%

Legend: VCC – Viable cell count after exposure
RF – Reduction Factor (% reduction from initial baseline count)

Donald F. Greene,
Microbiologist.

April 1, 1999

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