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ISO/IEC 17025:2005 Accredited
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Subject: Measurement of Antibacterial Activity on Safety Touch, (RF7051CU).

BACKGROUND:

Safety Touch (RF7051CU) was evaluated for Antibacterial Activity against *Staphylococcus aureus* ATCC No. 25923 and *Escherichia coli* ATCC 25922 using ISO Method 22196:2011(E) § 7.1 – 7.7.

CONCLUSION:

Using ISO Method 22196:2011(E), Safety Touch (RF7051CU) reduced inoculated *Staphylococcus aureus* ATCC No. 25923 and *Escherichia coli* ATCC No. 25922 ranging from 99.99% to 99.999% in 24 hrs. at 35°F. Reference Test Result Report Sample ID No.2015282.

RESULTS / DISCUSSION:

Samples of Safety Touch (RF7051CU) were inoculated with *Staphylococcus aureus* and *Escherichia coli* following ISO Method No. 22196:2011(E) protocol. Inoculated samples were enumerated after 24 hrs. incubation at 35°F. Results of the reduction are shown in Table No.1.
Safety Touch Samples were evaluated in triplicate.

PROCEDURE:

Reference ISO 22196:2011 (E).





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Table No.1 Safety Touch Reduction of *Staphylococcus aureus* ATCC No. 25923 and *Escherichia coli* ATCC No. 25922.

Staphylococcus aureus @ 35°C

4/28/2020

	Starting Concentration Log 10	Ending 24 hr. log 10	Log 10 Reduction	% Reduction
Replicate 1 of 3	8.6	1	7.6	99.999
Replicate 2 of 3	8.6	2	6.6	99.999
Replicate 3 of 3	8.6	1	7.6	99.999

E. coli @ 35°C

4/28/2020

	Starting Concentration Log 10	Ending 24 hr. log 10	Log 10 Reduction	% Reduction
Replicate 1 of 3	8.6	1	7.6	99.999
Replicate 2 of 3	8.6	1	7.6	99.999
Replicate 3 of 3	8.6	1	7.6	99.999

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