

TEST REPORT

NUMBER: BOMY19000300 -REV1

DATE : 03RD OCTOBER, 2019

Sample Details: PLASTIC FRAME OF HAND DRYER MODEL ASH-VJ

1. Test Bacteria: *Staphylococcus aureus* ATCC 6538

UNTREATED: Conc. of Inoculum on untreated sample at 0 hours (Uo): 5.84 x 10 ⁶ CFU/ml		Log = 6.76		
UNTREATED: Conc. of Inoculum on untreated sample after 24 hour (Ut): 4.35 x 10 ⁶ CFU/ml		Log = 6.63		
No bacteria recovered in untreated (Ut)		4350000		
Antibacterial Activity: R = (Ut – Uo) – (At – Uo)				
Sample Identification	No. Bacteria on treated sample (At)	Log of Bacteria on treated sample (At)	Antimicrobial Activity (R)	Microbial Kill (% Reduction)
Hand Dryer (Plastic Frame)	950	2.97	3.66	99.9

2. Test Bacteria: *Escherichia coli* ATCC 8739

UNTREATED: Conc. of Inoculum on untreated sample at 0 hours (Uo): 4.24 x 10 ⁵ CFU/ml		Log = 5.62		
UNTREATED: Conc. of Inoculum on untreated sample after 24 hour (Ut): 3.35 x 10 ⁵ CFU/ml		Log = 5.52		
No bacteria recovered in untreated (Ut)		335000		
Antibacterial Activity: R = (Ut – Uo) – (At – Uo)				
Sample Identification	No. Bacteria on treated sample (At)	Log of Bacteria on treated sample (At)	Antimicrobial Activity (R)	Microbial Kill (% Reduction)
Hand Dryer (Plastic Frame)	1900	3.27	2.25	99.6

Acceptance Criteria: R is ≥ 2.0

Conclusion: When tested as specified, Plastic treated sample PASSES the quantitative assessment of activity tested per JIS Z 2801:2010 method.

END OF TEST REPORT

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