

ANALYTICAL & ANTIMICROBIAL TEST RESULTS



Customer: MPact

Date Received: 02-20-07

Date Reported: 02-26-07

AEM Project Number: 4604

Description	Microbiological Analysis	Chemical Analysis
	ASTM E2149-01	% Extraction
Untreated Keyboard	0%	7%
Treated Keyboard	91%	15%

ASTM E2149-01

1.0g sample
50 ml 0.3 mM KH₂PO₄
1x10⁸ *Escherichia coli* / ml
0.01% Q2-5211 wetting agent
1 hour contact time

ACTM 0210 BPB Extraction (EXT):

1.0g sample
0.001% BPB dH₂O solution
20 minute exposure
595nm Absorbance
0.01% Q2-5211 wetting agent

Description	Microbiological Analysis					
	JIS Z 2801-2000 (Log ₁₀ Reduction from Inoculum)			JIS Z 2801-2000 (Percent Reduction from UT)		
	T ₀	T ₂	T ₂₄	T ₀	T ₂	T ₂₄
Untreated Touch Screen	0.68	1.06	0.0*	---	---	---
Treated Touch Screen	0.68	1.59	0.0*	0%	76%	---

JIS Z 2801- 2000

2" x 2" sample
0.4 ml inoculum
20 ml 0.3 mM KH₂PO₄
1x10⁸ *Escherichia coli* / ml
0, 2, 24* hour contact time
*24 hour contact did not produce viable bacteria

Results submitted by :

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