



BIOTECH TESTING SERVICES

29. Test Bacteria: *Citrobacter freundii* ATCC 8090

Quantitative Assessment of Activity - JIS Z 2801: 2010				
		CFU/ sample		Log
Lab Control: Conc. of Inoculum on untreated sample at 0 hours (A)		105000		5.02
Lab Control: Conc. of Inoculum on untreated sample after 24 hour (B)		119000		5.07
Sample Identification	No. Bacteria on treated sample (C)	Log of Bacteria on treated sample	Antimicrobial Activity (R) (Log B-C)	Microbial Kill (% Reduction)
Silk Breathe Easy Luxury Emulsion	110	2.04	3.03	99.90

The Standard Antimicrobial value of Evaluation $R \geq 2.0$

COMMENT:

Paint sample labeled as **Silk Breathe Easy Luxury Emulsion**; **PASS** the Quantitative Assessment of activity for *Staphylococcus aureus*, *Escherichia coli*, *Klebsiella pneumoniae*, *Acinetobacter baumannii*, *Bacillus cereus*, *Burkholderia cepacia*, *Corynebacterium minutissimum*, *Corynebacterium xerosis*, *Enterobacter aerogenes*, *Enterobacter sakazakii*, *Enterococcus hirae*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Meticillin Resistant Staphylococcus aureus*, *Micrococcus luteus*, *Proteus mirabilis*, *Proteus vulgaris*, *Pseudomonas aeruginosa*, *Pseudomonas Putida*, *Salmonella typhi*, *Serratia marcescens*, *Shigella flexneri*, *Streptococcus faecalis*, *Streptococcus mutans*, *Vancomycin Resistant Enterococcus*, *Vancomycin Resistant Enterococcus* and *Citrobacter freundii* by **JIS Z 2801: 2010 Test Method**.

For BIOTECH TESTING SERVICES



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• Samples are not drawn by the laboratory • Result relate only to the samples tested
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