

TEST REPORT: 7191066233-CHM13-LYP

Date: 02 AUG 2013

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Client's Ref:

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PSB Singapore

SUBJECT

Antimicrobial Activity Evaluation

Choose certainty.
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CLIENT

Perfectbrandz International Pte Ltd
70 Bendemeer Road
#01-03, Luzerne
Singapore 339940

Attn : Philip

SAMPLE SUBMISSION DATE/ TEST DATE

12 Jul 2013 / 17 Jul 2013

DESCRIPTION OF SAMPLE

One sample of "Microbeshield PerfectAire" was submitted.

METHOD OF TEST

BS EN 1040 : 2005

"Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics – Test method and requirements (Phase 1)".

The test microorganisms used were :

Staphylococcus aureus (ATCC 6538)
Pseudomonas aeruginosa (ATCC 15442)



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RESULTS

Product Name : "Microbeshield PerfectAire"

Test Microorganism : *Staphylococcus aureus* (ATCC 6538)

| Concentration / Contact Time | Initial Count of Test Microorganism per ml of Test Mixture | | Count of Surviving Test Microorganism per ml | | Log Reduction | Percentage Kill of Test Microorganism |
|------------------------------|--|-------------------|--|-------------------|----------------|---------------------------------------|
| | CFU per ml | Log ₁₀ | CFU per ml | Log ₁₀ | | |
| Neat | | | | | | |
| 5 Minutes | 100 000 000 | 8.00 | 33 000 000 | 7.52 | 0.48 | 67 |
| 30 Minutes | 100 000 000 | 8.00 | 830 000 | 5.92 | 2.08 | 99.17 |
| 60 Minutes | 100 000 000 | 8.00 | Less than 10 | Less than 1.00 | More than 7.00 | More than 99.99999 |

Test Microorganism : *Pseudomonas aeruginosa* (ATCC 15442)

| Concentration / Contact Time | Initial Count of Test Microorganism per ml of Test Mixture | | Count of Surviving Test Microorganism per ml | | Log Reduction | Percentage Kill of Test Microorganism |
|------------------------------|--|-------------------|--|-------------------|----------------|---------------------------------------|
| | CFU per ml | Log ₁₀ | CFU per ml | Log ₁₀ | | |
| Neat | | | | | | |
| 5 Minutes | 35 000 000 | 7.54 | 20 000 000 | 7.30 | 0.24 | 42.85714286 |
| 30 Minutes | 35 000 000 | 7.54 | Less than 10 | Less than 1.00 | More than 6.54 | More than 99.99997 |
| 60 Minutes | 35 000 000 | 7.54 | Less than 10 | Less than 1.00 | More than 6.54 | More than 99.99997 |