



Food / Pharmaceutical Division

Reference: FM1252071
13th June, 2012
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Environmental Technologies Australia
16 Mallett road,
Tullamarine, VIC, 3043

Attention: Christine Ooi

LABORATORY REPORT

Sample:

A disinfectant screening test was performed on the sample identified as "Clean Air Gel A3C (QP)" as received from Environmental Technologies Group on 25th May, 2012.

Test Conditions and Sample Concentration:

A 3mL of sample was challenged against 2 test organisms at 8 and 18 minutes of time intervals.

Procedure:

Derived from *The TGA Disinfectant Test* – Therapeutic Goods Order No: 54 – Option A.
Modified to include two organisms only.

Inoculum:

Pseudomonas aeruginosa NCTC 6749
Staphylococcus aureus NCTC 4163



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Results:

*Expressed in colony forming units per mL

There is no growth for media only and media plus sample.

Test 1	Clean Air Gel A3C (QP)	Culture count cfu/mL	Culture only	Culture + Disinfectant
<i>Pseudomonas aeruginosa</i> - Test 8 minutes: - Test 18 minutes:	4/5 No Growth 5/5 No Growth	1.9x10 ⁹	Growth	Growth
<i>Staphylococcus aureus</i> - Test 8 minutes: - Test 18 minutes:	5/5 No Growth 5/5 No Growth	8.6x10 ⁸	Growth	Growth
Disinfectant activity	Acceptable	-	-	-

Test 2	Clean Air Gel A3C (QP)	Culture count cfu/mL	Culture only	Culture + Disinfectant
<i>Pseudomonas aeruginosa</i> - Test 8 minutes: - Test 18 minutes:	5/5 No Growth 5/5 No Growth	1.4x10 ⁹	Growth	Growth
<i>Staphylococcus aureus</i> - Test 8 minutes: - Test 18 minutes:	5/5 No Growth 5/5 No Growth	8.0x10 ⁸	Growth	Growth
Disinfectant activity	Acceptable	-	-	-



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Test 3	Clean Air Gel A3C (QP)	Culture count cfu/mL	Culture only	Culture + Disinfectant
<i>Pseudomonas aeruginosa</i> - Test 8 minutes: - Test 18 minutes:	5/5 No Growth 5/5 No Growth	1.5x10 ⁹	Growth	Growth
<i>Staphylococcus aureus</i> - Test 8 minutes: - Test 18 minutes:	5/5 No Growth 5/5 No Growth	7.6x10 ⁸	Growth	Growth
Disinfectant activity	Acceptable	-	-	-

Conclusion:

The results indicated that sample "Clean Air Gel A3C QP" does demonstrate the disinfectant efficacy set out by the TGO 54 modified.

ALS

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