



Abbott Analytical



Consulting Scientists to the Disinfectant Industry

Certificate of Analysis

Product name: Gompels Concentrated Antibac Room & Washroom Cleaner 2.5L
Batch or ref no: Code 65984
Manufacturer or supplier: Gompels Healthcare Ltd. 1 Swift Way, Bowerhill Industrial Estate, Melksham, SN12 6GX
Sample ref: 14K/188 **Date received:** 17 October 2014
Date tested: 20 October 2014 **Certificate date:** 23 October 2014
Certificate no: 14K.188IF2.BSC **Page:** 1 of 3
Analysis required: EN 1650:2008+A1:2013, Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 1)
Storage conditions: Room temperature
Appearance of product (solution): Blue liquid
Active substance(s) and their concentration(s): Not declared

Notes:

The test results in this report relate only to the sample(s) tested. This test report may not be reproduced except in full, without written approval from Abbott Analytical.

D C Watson BSc, CBiol, MSB, MIFST, ACIEHO



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Experimental conditions:

Concentration(s) of product tested: 1:20 v/v

Product diluent: Sterile hard water (300mg/l CaCO₃)

Test organism(s): *Aspergillus brasiliensis* (NCPF 2275)
Candida albicans (NCPF 3179)

Contact time(s): 5 minutes & 15 minutes

Test temperature: 20°C ± 0.5°C

Test conditions: Dirty

Interfering substance: 3.0g/l bovine albumin

Neutralising solution: 30g/l Polysorbate 80 + 3g/l Lecithin +
1g/l L-histidine + 1g/l L-cysteine

Incubation temperature: 30°C ± 1°C

Conclusion:

When tested at a concentration of 1:20, this sample of Foaming Antibacterial Cleaner passes the requirements of EN 1650:2008+A1:2013 for fungicidal activity in 5 minutes (and in 15 minutes) at 20°C under dirty conditions against *Aspergillus brasiliensis* (NCPF 2275) and *Candida albicans* (NCPF 3179).

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Results: Aspergillus brasiliensis (NCPF 2275)

Validation and controls:

Validation suspension			Experimental conditions control			Neutralizer or filtration control			Method validation (C)		
Vc1	50	$\bar{x} =$	Vc1	47	$\bar{x} =$	Vc1	45	$\bar{x} =$	Vc1	44	$\bar{x} =$
Vc2	75	62.5	Vc2	49	48	Vc2	51	48	Vc2	46	4
30 ≤ x (Nv _o) ≤ 160 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			x (A) ≥ 0.5 x x (Nv _o)? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			x (B) ≥ 0.5 x x (Nv _o)? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			x (C) ≥ 0.5 x x (Nv _o)? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no		

Test suspension: (N and N_o)

N	Vc1	Vc2	\bar{x} wm = 1.85 x 10 ⁷ ; lg N = 7.27	
10 ⁻⁵	175	194	N _o = N/10 ; lg N _o = 6.27	
10 ⁻⁶	18	21	6.17 ≤ lg N _o ≤ 6.70 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	
Control of weighted mean			Quotient = 9.46 Between 5 and 15 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	

Test:

Product test	Contact time	Vc1	Vc2	Na = x x10	lg Na	lg R (lg N _o = 6.27)	Status
1:20	5 mins	0	0	< 140	< 2.15	> 4.12	PASS
1:20	15 mins	0	0	< 140	< 2.15	> 4.12	PASS

Results: Candida albicans (NCPF 3179)

Validation and controls:

Validation suspension			Experimental conditions control			Neutralizer or filtration control			Method validation (C)		
Vc1	120	$\bar{x} =$	Vc1	100	$\bar{x} =$	Vc1	76	$\bar{x} =$	Vc1	92	$\bar{x} =$
Vc2	116	118	Vc2	108	104	Vc2	98	87	Vc2	104	9
30 ≤ x (Nv _o) ≤ 160 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			x (A) ≥ 0.5 x x (Nv _o)? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			x (B) ≥ 0.5 x x (Nv _o)? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			x (C) ≥ 0.5 x x (Nv _o)? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no		

Test suspension: (N and N_o)

N	Vc1	Vc2	\bar{x} wm = 2.23 x 10 ⁷ ; lg N = 7.35	
10 ⁻⁵	208	230	N _o = N/10 ; lg N _o = 6.35	
10 ⁻⁶	24	28	6.17 ≤ lg N _o ≤ 6.70 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	
Control of weighted mean			Quotient = 8.42 Between 5 and 15 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	

Test:

Product test	Contact time	Vc1	Vc2	Na = x x10	lg Na	lg R (lg N _o = 6.35)	Status
1:20	5 mins	0	0	< 140	< 2.15	> 4.20	PASS
1:20	15 mins	0	0	< 140	< 2.15	> 4.20	PASS

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