



# Abbott Analytical



Consulting Scientists to the Disinfectant Industry

## Test Report

**Product name:** Gompels Foaming Antibacterial Cleansing Spray  
750ml x 6

**Batch or ref no:**

**Manufacturer or supplier:** Gompels Healthcare

**Sample ref:** 16G/027                      **Date received:** 12 July 2016

**Date tested:** 1 August 2016              **Certificate date:** 3 August 2016

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**Analysis required:** EN 1276:2009, Chemical disinfectants and antiseptics -  
Quantitative suspension test for the evaluation of  
bactericidal 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 in darkness

**Appearance of product (solution):** Clear straw-coloured liquid

**Active substance(s) and their concentration(s):** Not disclosed

### Notes

The test results in this report relate only to the sample(s) tested.  
This test report may not be reproduced except in full, adapted, altered or used  
to create a derivative work, without written approval from Abbott Analytical.

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## Experimental conditions

**Concentration(s) of product tested:** 1:40 v/v

**Product diluent:** Sterile hard water (300mg/l CaCO<sub>3</sub>)

**Test organism(s):** *Pseudomonas aeruginosa* (NCTC 13359)  
*Escherichia coli* (NCTC 10418)  
*Staphylococcus aureus* (NCTC 10788)  
*Enterococcus hirae* (NCTC 13383)

**Contact time(s):** 30s ± 5s

**Test temperature:** 20°C ± 1°C

**Test conditions:** Dirty

**Interfering substance:** 3.0g/l bovine albumin

**Method:** Dilution-neutralisation

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

**Incubation temperature:** 36°C ± 1°C

## Conclusion

When tested at a concentration of 1:40 this sample of Bristol Soap Spray & Wipe meets the requirements of EN 1276:2009 for bactericidal activity in 30 seconds at 20°C under dirty conditions against the referenced strains of *Pseudomonas aeruginosa*, *Escherichia coli*, *Staphylococcus aureus* and *Enterococcus hirae*.

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**Results: *Pseudomonas aeruginosa* (NCTC 13359)**

**Validation and controls:**

Validation suspension ( $N_{v_o}$ )			Experimental conditions control (A)			Neutralizer or filtration control (B)			Method validation (C)		
Vc1	130	$\bar{x} =$	Vc1	94	$\bar{x} =$	Vc1	102	$\bar{x} =$	Vc1	99	$\bar{x} =$
Vc2	134	132	Vc2	97	95.5	Vc2	105	103.5	Vc2	103	101
30 ≤ $\bar{x}$ ( $N_{v_o}$ ) ≤ 160 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (A) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (B) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (C) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no		

**Test suspension:  
(N and  $N_o$ )**

N	Vc1	Vc2	$\bar{x}$ (wm) = 2.09 x10 <sup>8</sup> ; lg N = 8.32
10 <sup>-6</sup>	196	201	$N_o = N/10$ ; lg $N_o$ = 7.32
10 <sup>-7</sup>	30	32	7.17 ≤ lg $N_o$ ≤ 7.70 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Control of weighted mean counts (N)			Quotient = 6.40 Between 5 and 15 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no

**Test:**

Product test conc.	Contact time	Vc1	Vc2	$N_a =$ ( $\bar{x}$ x10)	lg $N_a =$	lg R = (lg $N_o$ - lg $N_a$ )	Status
1:40	30s	6	0	<140	<2.15	>5.17	PASS

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**Results: *Escherichia coli* (NCTC 10418)**

**Validation and controls:**

Validation suspension ( $N_{v_o}$ )			Experimental conditions control (A)			Neutralizer or filtration control (B)			Method validation (C)		
Vc1	157	$\bar{x} =$	Vc1	109	$\bar{x} =$	Vc1	99	$\bar{x} =$	Vc1	105	$\bar{x} =$
Vc2	161	159	Vc2	111	110	Vc2	103	101	Vc2	107	106
30 ≤ $\bar{x}$ ( $N_{v_o}$ ) ≤ 160 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (A) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (B) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (C) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no		

**Test suspension:  
(N and  $N_o$ )**

N	Vc1	Vc2	$\bar{x}$ (wm) = 1.96 x10 <sup>8</sup> ; lg N = 8.29
10 <sup>-6</sup>	189	192	$N_o = N/10$ ; lg $N_o = 7.29$
10 <sup>-7</sup>	27	24	7.17 ≤ lg $N_o$ ≤ 7.70 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Control of weighted mean counts (N)			Quotient = 7.47 Between 5 and 15 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no

**Test:**

Product test conc.	Contact time	Vc1	Vc2	$N_a =$ ( $\bar{x}$ x10)	lg $N_a =$	lg R = (lg $N_o$ - lg $N_a$ )	Status
1:40	30s	0	0	<140	<2.15	>5.14	PASS

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**Results: *Staphylococcus aureus* (NCTC 10788)**

**Validation and controls:**

Validation suspension ( $N_{v_o}$ )			Experimental conditions control (A)			Neutralizer or filtration control (B)			Method validation (C)		
Vc1	153	$\bar{x} =$	Vc1	117	$\bar{x} =$	Vc1	95	$\bar{x} =$	Vc1	111	$\bar{x} =$
Vc2	150	151.5	Vc2	113	115	Vc2	101	98	Vc2	111	111
30 ≤ $\bar{x}$ ( $N_{v_o}$ ) ≤ 160 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (A) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (B) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (C) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no		

**Test suspension:  
(N and  $N_o$ )**

N	Vc1	Vc2	$\bar{x}$ (wm) = 2.15 x10 <sup>8</sup> ; lg N = 8.33
10 <sup>-6</sup>	202	199	$N_o = N/10$ ; lg $N_o = 7.33$
10 <sup>-7</sup>	38	33	7.17 ≤ lg $N_o$ ≤ 7.70 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Control of weighted mean counts (N)			Quotient = 5.65 Between 5 and 15 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no

**Test:**

Product test conc.	Contact time	Vc1	Vc2	$N_a =$ ( $\bar{x}$ x10)	lg $N_a =$	lg R = (lg $N_o$ - lg $N_a$ )	Status
1:40	30s	0	0	<140	<2.15	>5.18	PASS

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**Results: *Enterococcus hirae* (NCTC 13383)**

**Validation and controls:**

Validation suspension ( $N_{v_o}$ )			Experimental conditions control (A)			Neutralizer or filtration control (B)			Method validation (C)		
Vc1	100	$\bar{x} =$	Vc1	96	$\bar{x} =$	Vc1	89	$\bar{x} =$	Vc1	94	$\bar{x} =$
Vc2	104	102	Vc2	98	97	Vc2	93	91	Vc2	98	96
30 ≤ $\bar{x}$ ( $N_{v_o}$ ) ≤ 160 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (A) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (B) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no			$\bar{x}$ (C) ≥ 0.5 x $\bar{x}$ ( $N_{v_o}$ )? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no		

**Test suspension:  
(N and  $N_o$ )**

N	Vc1	Vc2	$\bar{x}$ (wm) = 1.92 x10 <sup>8</sup> ; lg N = 8.28
10 <sup>-6</sup>	192	196	$N_o = N/10$ ; lg $N_o = 7.28$
10 <sup>-7</sup>	15	19	7.17 ≤ lg $N_o$ ≤ 7.70 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Control of weighted mean counts (N)			Quotient = 11.41 Between 5 and 15 ? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no

**Test:**

Product test conc.	Contact time	Vc1	Vc2	$N_a =$ ( $\bar{x}$ x10)	lg $N_a =$	lg R = (lg $N_o$ - lg $N_a$ )	Status
1:40	30s	10	9	<140	<2.15	>5.13	PASS

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