



# Abbott Analytical



Consulting Scientists to the Disinfectant Industry

## Certificate of Analysis

**Sample(s) :** One sample of Sterizar  
**Received from:** Point Consumables Europe Ltd. 2 Royal Lodge Road, Belfast, BT8 7UL  
**Date received:** 30 April 2010      **Date tested:** 12 May 2010  
**Certificate no:** 10D.140MN.CSS      **Certificate date:** 17 May 2010  
**Sample ref:** 10D/140      **Page:** 1 of 2  
**Analysis required:** BS/EN 1650 quantitative suspension test for the evaluation of chemical disinfectants (yeast & mould)

Product stored at: Room temperature  
Active substance: Not declared  
Test conditions: 'Dirty'  
Product test concentration: Neat as received  
Product diluent used during test: N/A  
Contact time: 15 minutes  
Test temperature: 20°C ± 0.5°C  
Interfering substance: 3g/l bovine albumin  
Neutralising solution: 30g/l polysorbate 80, 3g/l lecithin, 1g/l histidine, 1g/l cysteine  
Incubation temperature: 30°C ± 1°C  
Identification of fungal strains used: *Aspergillus niger*      NCPF 2275  
*Candida albicans*      NCPF 3179

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3 February 2011

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## Test results:

Test Organism	<i>Aspergillus niger</i>		<i>Candida albicans</i>		
<b>Validation Suspension</b>	10 <sup>-1</sup>	Vc1 106	Vc2 72	Vc1 416	Vc2 368
		Nv0 8.90	x10 <sup>2</sup>	Nv0 3.92	x10 <sup>3</sup>
<b>Experimental Control</b>	10 <sup>0</sup>	Vc1 84	Vc2 66	Vc1 322	Vc2 254
		A 7.50	x10 <sup>1</sup>	A 2.88	x10 <sup>2</sup>
<b>Neutraliser Control</b>	10 <sup>0</sup>	Vc1 76	Vc2 58	Vc1 292	Vc2 346
		B 6.70	x10 <sup>1</sup>	B 3.19	x10 <sup>2</sup>
<b>Method Validation</b>	10 <sup>0</sup>	Vc1 56	Vc2 67	Vc1 288	Vc2 362
		C 6.15	x10 <sup>1</sup>	C 3.25	x10 <sup>2</sup>
<b>Test Suspension</b>	10 <sup>-6</sup>	Vc1 29	Vc2 38	Vc1 340	Vc2 374
	10 <sup>-7</sup>	Vc1 4	Vc2 7	Vc1 42	Vc2 51
		N 4.43	x10 <sup>7</sup>	N 4.11	x10 <sup>8</sup>
<b>Results</b>	10 <sup>-2</sup>	Vc1 0	Vc2 0	Vc1 0	Vc2 0
		Na < 1.00	x10 <sup>2</sup>	Na < 1.00	x10 <sup>2</sup>
		R > 4.43	x10 <sup>5</sup>	R > 4.11	x10 <sup>6</sup>
<b>Log Reduction</b>		> 5.65		> 6.61	

Vc = Viable count  
Nv = cfu/ml in the validation suspension

N = cfu/ml in the test suspension  
Na = cfu/ml in the test mixture  
R = Reduction in viability

## Conclusion:

This batch of Sterizar, when used neat, passes the requirements of EN 1650 for fungicidal activity in 15 minutes at 20°C under 'dirty' conditions against the reference organisms detailed.

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