



# 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:** 23 April 2010      **Date tested:** 27 April 2010  
**Certificate no:** 10D.115Cd.CSS      **Certificate date:** 29 April 2010  
**Sample ref:** 10D/115      **Page:** 1 of 2  
**Analysis required:** BS/EN 13704 quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants

Product stored at: Room temperature  
Active substance: Not declared  
Test conditions: 'Clean'  
Product test concentration: Neat as received  
(80% in test suspension)  
Product diluent used during test: N/A  
Contact time: 5 mins  
Test temperature: 20°C ± 0.5°C  
Interfering substance: 0.3g/l bovine albumin  
Neutralising solution: 30g/l polysorbate 80, 3g/l lecithin, 1g/l histidine, 1g/l cysteine  
Incubation temperature: 37°C ± 1°C  
Identification of bacterial strain used: *Clostridium difficile* NCTC 11209

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3 February 2011

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## Test results:

Test Organism	<i>Clostridium difficile</i>		
Validation Suspension	10 <sup>-1</sup>	Vc1 514	Vc2 462
		Nv0 4.88	x10 <sup>3</sup>
Experimental Control	10 <sup>0</sup>	Vc1 502	Vc2 444
		A 4.73	x10 <sup>2</sup>
Neutraliser Control	10 <sup>0</sup>	Vc1 478	Vc2 510
		B 4.94	x10 <sup>2</sup>
Method Validation	10 <sup>0</sup>	Vc1 466	Vc2 392
		C 4.29	x10 <sup>2</sup>
Test Suspension	10 <sup>-6</sup>	Vc1 432	Vc2 358
	10 <sup>-7</sup>	Vc1 37	Vc2 45
		N 4.03	x10 <sup>8</sup>
Results	10 <sup>-2</sup>	Vc1 14	Vc2 23
		Na 1.85	x10 <sup>3</sup>
		R 2.18	x10 <sup>5</sup>
Log Reduction		5.34	

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 13704 for sporicidal activity in 5 minutes at 20°C under 'clean' conditions against the reference organism detailed.

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