



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: 19 January 2010 **Date tested:** 10 February 2010

Certificate no: 10A.053L.CSS **Certificate date:** 11 February 2010

Sample ref: 10A/053 **Page:** 1 of 2

Analysis required: BS/EN 13623 quantitative suspension test for the evaluation
of activity against Legionella of chemical disinfectants

Product stored at: Room temperature

Active substance: Not declared

Test conditions:

Product test concentration: Neat as received

Product diluent used during test: N/A

Contact time: 60 mins

Test temperature: 20°C ± 0.5°C

Interfering substance: 0.05% yeast cell suspension +
0.05% yeast extract

Neutralising solution: 30g/l polysorbate 80, 3g/l lecithin,
1g/l histidine, 1g/l cysteine

Incubation temperature: 30°C ± 1°C

Identification of bacterial strain used: *Legionella pneumophila* NCTC 12821

D C Watson

D C Watson BSc, CBiol, MIBiol, MIFST, ACIEHO
PO Box 95, New Ferry, Wirral, CH62 6HA
Tel: 07767 871275 Fax: 0151 630 6540
email: abbottanalytical@hotmail.co.uk



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3 February 2011

Certificate No: 10A.053L.CSS

Page 2 of 2

Test results:

Test Organism	<i>Legionella pneumophila</i>		
Validation Suspension	10 ⁻¹	Vc1 922	Vc2 872
		Nv0 8.97	x10 ³
Experimental Control	10 ⁰	Vc1 796	Vc2 838
		A 8.17	x10 ²
Neutraliser Control	10 ⁰	Vc1 804	Vc2 746
		B 7.75	x10 ²
Method Validation	10 ⁰	Vc1 792	Vc2 726
		C 7.59	x10 ²
Test Suspension	10 ⁻⁶	Vc1 864	Vc2 528
	10 ⁻⁷	Vc1 74	Vc2 92
		N 7.63	x10 ⁸
Results	10 ⁻²	Vc1 71	Vc2 53
		Na 6.20	x10 ³
		R 1.23	x10 ⁵
Log Reduction		5.09	

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:

According to EN 13623 this batch of Sterizar, when used neat, possesses satisfactory activity against *Legionella* in 60 minutes at 20°C.

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 email: abbottanalytical@hotmail.co.uk