



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: 31 March 2010 **Date tested:** 9 April 2010

Certificate no: 10C.151Se.CSS **Certificate date:** 14 April 2010

Sample ref: 10C/151 **Page:** 1 of 2

Analysis required: BS/EN 1656 quantitative suspension test for the evaluation
of bactericidal activity of chemical disinfectants used in
the Veterinary area

Product stored at: Room temperature

Active substance: Not declared

Test conditions:

Product test concentrations: Neat as received
(80% in test suspension)

Contact time: 5 mins

Test temperature: 20°C ± 0.5°C

Interfering substance: 3.0g/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 strains used: Streptococcus equi NCTC 7912

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Test results:

Test Organism	<i>Streptococcus equi</i>		
Validation Suspension	10 ⁻¹	Vc1 457	Vc2 432
		Nv0 4.45	x10 ³
Experimental Control	10 ⁰	Vc1 328	Vc2 335
		A 3.32	x10 ²
Neutraliser Control	10 ⁰	Vc1 346	Vc2 362
		B 3.54	x10 ²
Method Validation	10 ⁰	Vc1 304	Vc2 337
		C 3.21	x10 ²
Test Suspension	10 ⁻⁶	Vc1 296	Vc2 351
	10 ⁻⁷	Vc1 51	Vc2 39
		N 3.87	x10 ⁸
Results	10 ⁻²	Vc1 0	Vc2 0
		Na < 1.00	x10 ²
		R > 3.87	x10 ⁶
Log Reduction	> 6.59		

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 as received, passes the requirements of EN 1656 for bactericidal activity in 5 minutes at 20°C against the reference organism detailed.

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