



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:** 5 February 2010
Certificate no: 10A.053M.CSS **Certificate date:** 9 February 2010
Sample ref: 10A/053 **Page:** 1 of 2
Analysis required: BS/EN 1650 quantitative suspension test for the evaluation of fungicidal activity 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: 15 mins
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: *Candida albicans* NCTC 3179
Aspergillus niger NCTC 2275

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3 February 2011

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Test results:

| Test Organism | <i>Aspergillus niger</i> | | <i>Candida albicans</i> | | |
|-----------------------|--------------------------|----------|-------------------------|----------|------------------|
| Validation Suspension | 10 ⁻¹ | Vc1 868 | Vc2 958 | Vc1 922 | Vc2 814 |
| | | Nv0 9.13 | x10 ³ | Nv0 8.68 | x10 ³ |
| Experimental Control | 10 ⁰ | Vc1 788 | Vc2 652 | Vc1 830 | Vc2 744 |
| | | A 7.20 | x10 ² | A 7.87 | x10 ² |
| Neutraliser Control | 10 ⁰ | Vc1 792 | Vc2 714 | Vc1 912 | Vc2 852 |
| | | B 7.53 | x10 ² | B 8.82 | x10 ² |
| Method Validation | 10 ⁰ | Vc1 832 | Vc2 756 | Vc1 864 | Vc2 838 |
| | | C 7.94 | x10 ² | C 8.51 | x10 ² |
| Test Suspension | 10 ⁻⁶ | Vc1 768 | Vc2 956 | Vc1 1120 | Vc2 878 |
| | 10 ⁻⁷ | Vc1 152 | Vc2 94 | Vc1 232 | Vc2 112 |
| | | N 1.05 | x10 ⁹ | N 1.36 | x10 ⁹ |
| Results | 10 ⁻² | Vc1 76 | Vc2 55 | Vc1 83 | Vc2 61 |
| | | Na 6.55 | x10 ³ | Na 7.20 | x10 ³ |
| | | R 1.60 | x10 ⁵ | R 1.89 | x10 ⁵ |
| Log Reduction | | 5.20 | | 5.28 | |

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 1275 this batch of Sterizar, when used neat, possesses satisfactory fungicidal activity in 15 minutes at 20°C against the reference organisms detailed.

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