

Survey Report Nr.B13481

Test of Hand Disinfection Material Steriplant N

For

Swiss Steriplant AG

By

**Simec AG
Urs P. Ruegger**

19.12.2009

(Translated by Manit Wongchaiseree)

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CERTIFIED TRUE & CORRECT TRANSLATION

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Aug 16, 2012

1. Fundamentals

The following Tests have been done on a basis to register Steriplant N as a chemical disinfectant. We have worked by following norms.

SN EN 1500

Chemical disinfectant and antiseptic – Hygienic Hand Disinfection –
Test process and requisitions (Phase 2 / Level 2)

2. Hygienic Hand Disinfection

2.1 Test Conditions

Test Germ:
Escherichia coli: ATCC 8739 Lot Nr. 605486
Equipment:
Laminarflow: Air flow SKANAIR HFT 180 Skan AG Basel
Incubator (37 °C) Prometheus A.G. Liestal Serial number 91332
Growth medium: Tryptone Soya Agar: Oxoid, CM0131, Lot.-
Nr.798252 Tryptone Soya Broth: Oxoid, CM0129, Lot.-Nr.-
785940
Test Product: Steriplant N
Contamination liquid: E. coli. 10⁸ KBE/ml
Temperature: 21°C +/- 1°C
Reference product: Propane 2-ol with a volume concentration of 60%
Used amount: 3ml per wash procedure, applied 2 times

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Quantity of the test product: 3ml per wash procedure, applied 2 times.
 Appeal time: 60 Seconds
 Neutralization: Sodium Thiosulphate
 Analysis: (oberflaechenspatelverfahren (technical term found in chemistry, not found in dictionary)
 Incubation: 2 days at a temperature of 37 degrees Celsius

2.2 Results

In the spreadsheet below are different initial values and results after the hand disinfection made by E. Coli

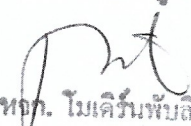
	Initial values (CFU) (CFU - Colony forming units)	Value after disinfection with reference and log-reduction	Value after disinfection with Steriplant N. and log-reduction
Test- candidate1	5.2×10^5	8.2×10^3	1.2×10^4
Test- candidate2	2.7×10^5	1.7×10^3	4.6×10^3
Test- candidate3	2.8×10^5	< 1	1.0×10^3
Test- candidate4	2.0×10^5	32	1.8×10^3
Test- candidate5	5.8×10^5	4.2×10^3	1.6×10^3
Test- candidate6	6.8×10^5	9.0×10^2	4.8×10^3
Test- candidate7	5.4×10^5	< 1	1.4×10^3
Test- candidate8	1.6×10^5	1.27×10^2	5.7×10^3
Test- candidate9	4.9×10^5	3.0×10^1	1.7×10^3
Test- candidate10	3.9×10^6	9.2×10^2	1.22×10^3

Survey Report B 13481

The hygienic disinfection with Steriplant N has resulted in the same termination rate when in comparison with the references (log-reduction from 10^5 to 10^6)

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The hygienic hand disinfection with Steriplant N has resulted in the same termination rate when in comparison with the references (log-reduction from 10^5 to 10^6)

Steriplant N therefore meets the requirements of SN EN 1500

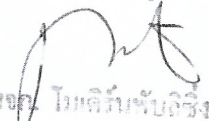
Zofingen, 19th December 2009

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