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Written by:
Lih

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05-09-00

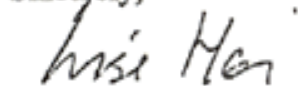
Results of experiment with strain: E. coli O157 VDL 228

Contact-time between Stalosan and bacterial cells: 20 minutes.

**Colony forming unit (CFU) /ml.
Plate Count Agar, 37°C, 72 hrs)
Concentration of Stalosan (g/m²)**

Dilution	0	50
10 ⁻¹	300	No growth
10 ⁻²	>300	No growth
10 ⁻³	>300	No growth
10 ⁻⁴	>300	No growth
10 ⁻⁵	>300	No growth
10 ⁻⁶	192	No growth
10 ⁻⁷	9	No growth
10 ⁻⁸	2	No growth
10 ⁻⁹	0	No growth
CFU	1,9 * 10⁸	<1

Sincerely,



Lise Høi

Laboratory director, Food scientist, PhD

TEST REPORT

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MICROBIOLOGY DEPARTMENT 7218

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Ons verw/Our ref: 17/37/9

Navrae/Enquiries: 428-6087

Datum/Date: 8/12/2002

1808853/02-03318/V14534

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STALOSAN F

1. DESCRIPTION OF SAMPLE

One sample labelled "Stalosan F" was received on 23/11/2002 and tested on 31/10/2002, 14/11/2002, 21/11/2002, 28/11/2002 and 5/12/2002

2. TESTS REQUESTED

To determine the disinfectant efficacy on contaminated surfaces.

3. METHOD OF TEST

(European surface test methods -1993)

3.1 Surface test:

0.500 g sample was weighed onto two centimetre squared stainless steel discs. 0.1 ml organism suspensions containing 107 organisms/ml was dropped onto discs containing the sample, taking care to ensure that the disc was totally covered. After 1,5h, 3h, 5h, 6h and 6,5h contact time the stainless steel discs were placed in conical flasks containing 10 ml of neutralization medium and shaken to dislodge the cells. Then the neutralization (1.0 ml) and 10-fold dilutions of it were mixed with 5 ml Top Layer Agar and placed onto Bottom Layer Agar. The agar plates were incubated at 37 °C for 24 hours. Plaque-forming units were counted. Untreated stainless steel discs were used as controls.

3.2 Using

36 PH 15597/B1 (MS2)
37 PH 13706/B1 (PH1174)
as test organisms

SABS affiliated company T0027

This report relates only to the specific sample(s) tested as identified herein. It does not imply SABS approval of the quality and/or performance of the item(s) in question and the results do not apply to any similar item that has not been tested. (Refer also to the complete conditions printed on the back of official test reports.)

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4. RESULTS:

Disinfectant efficacy: Surface tests:

Sample	Contact time	Percentage Kill	
		36 PH 15597/B1 (MS2)	37 PH 13706/B1 (PH1174)
Stalosan F (V14534)	1,5h	96,9	69,2
	3h	96,8	98,7
	5h	99,6	99,9
	6h	99,8	NT
	6,5h	99,9	NT

The sample complies at 6,5 hours.

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RA ROOS
MICROBIOLOGY DEPARTMENT