

SGH TEST REPORT

MODIFIED KELSEY SYKES CAPACITY TEST

HOSPITAL GRADE DISINFECTANT

PRODUCT	LEGIONELLA-X ODOUR-OFF
DESCRIPTION	DISINFECTS & DEODORIZES SHOES & CABINET
DATE OF TEST	6 DECEMBER 2004
SGH TEST NO	C939/04



Lab No.: C 939/04

Date: 6 December 2004

REPORT

(This report is not to be used for advertising purposes)

on Disinfectant Solution

1 sample received from Magna International Pte Ltd

on 18 November 20 04.

SAMPLE LABEL

One bottle of sample, capped and sealed, bearing the following commercial label,

" Magna-Legionella-X, 250 ml
Odour-Off
Disinfects & Decolorizes Shoes & Cabinets
Magna-G12 Pte Ltd, Canada "

TEST METHOD

Modified Kelsey Sykes Capacity Test under dirty condition was used. Four test organisms, *Escherichia coli* NCTC 8196, *Proteus vulgaris* NCTC 4635, *Pseudomonas aeruginosa* NCTC 6749 and *Staphylococcus aureus* NCTC 4163 were used. The inoculum size of each of the test organisms was not less than 2×10^8 or more than 2×10^9 organisms introduced into the individual test samples of the disinfectant solution. The disinfectant was tested neat (without dilution).

The method is essentially that given by Kelsey & Maurer (Kelsey, J.C and Maurer Isobel, M. Pharmaceutical Journal (UK) 213: 528-230, (1974)). The disinfectant is tested neat (at the use-concentration) recommended by the manufacturer. The test consists of challenging the disinfectant with bacterial inoculum, withdrawing a sample after a given time (8 minutes) and culturing the sample in a suitable recovery culture medium. After this sampling, the mixture is again challenged by a second inoculum and after a second interval (18 minutes) is again sampled for culturing. The sample is passed or failed according to the extent of growth shown in the two cultures sampled.


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Pharmaceutical Microbiology Laboratory
Department of Pathology



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TEST RESULT

SAMPLE: "Magna-Legionella-X, Odour-Off Disinfects & Deodorizes Shoes & Cabinets"

TEST OPTION: Dirty condition

TEST CONCENTRATION: Neat (without dilution)

ESCHERICHIA COLI NCTC 8196

<u>INCUBATION TIME</u>	<u>POSITIVE/NEGATIVE CONTROLS</u>	<u>SAMPLING/EXPOSURE TIME</u>		<u>REMARK</u>
		<u>8 MINS</u>	<u>18 MINS</u>	
24 HRS	++/-	-----	-----	
48 HRS	++/-	-----	-----	Pass

PROTEUS VULGARIS NCTC 4635

<u>INCUBATION TIME</u>	<u>POSITIVE/NEGATIVE CONTROLS</u>	<u>SAMPLING/EXPOSURE TIME</u>		<u>REMARK</u>
		<u>8 MINS</u>	<u>18 MINS</u>	
24 HRS	++/-	-----	--+--	
48 HRS	++/-	-----	--+--	Pass

PSEUDOMONAS AERUGINOSA NCTC 6749

<u>INCUBATION TIME</u>	<u>POSITIVE/NEGATIVE CONTROLS</u>	<u>SAMPLING/EXPOSURE TIME</u>		<u>REMARK</u>
		<u>8MINS</u>	<u>18 MINS</u>	
24 HRS	++/-	-----	-----	
48 HRS	++/-	-----	-----	Pass

STAPHYLOCOCCUS AUREUS NCTC 4163

<u>INCUBATION TIME</u>	<u>POSITIVE/NEGATIVE CONTROLS</u>	<u>SAMPLING/EXPOSURE TIME</u>		<u>REMARK</u>
		<u>8 MINS</u>	<u>18 MINS</u>	
24 HRS	++/-	-----	-----	
48 HRS	++/-	-----	-----	Pass

Note: + : Growth in one tube of recovery broth
- : No growth in one tube of recovery broth

Remark : The above microbiological test results were obtained based on the sample received from the Company and relate only to the sample tested.


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