

MICROBIOLOGY DEPARTMENT 7218

Health and Hygiene
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Datum/Date: 2005-04-12

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STABILITY TESTS (37°C) – READY TO USE F10 SOLUTION**1. DESCRIPTION OF SAMPLES**

Four samples labelled "F10 B/N 061A; F10 B/N 061B; F10 061C and Retention sample F10 B/N 061" were received for bactericidal efficacy testing on the 18 February 2003 and tested on 7, 14, 35 days then at 3 months, after which monthly to 24 months. A retention sample was tested at 24 months only. The test samples were incubated at 37°C for the duration of the test.

2. TESTS REQUESTED

To determine the bactericidal efficacy of the samples subject to the following conditions:

- | | | |
|----|----------------------|--|
| a) | Dilution of samples: | "As is" |
| b) | Diluent: | Sterile hard water of 250 ppm hardness containing 1% skimmed milk. |
| c) | Temperature of test: | 22 °C |
| d) | Test organisms: | <i>Pseudomonas aeruginosa</i> SATCC Pse 16 |
| e) | Test organism load: | Approximately 10 ⁵ organisms per 10 ml of test solution |
| f) | Exposure time: | 2 min and 5 min |
| g) | Inactivator: | A suitable fluid inactivator |
| h) | Medium: | Nutrient Agar |
| i) | Storage Temperature: | 37°C |

3. METHOD OF TEST

The samples were tested in accordance with the method described in SABS 1615-1994, and subject to the conditions stated in Paragraph 2 above.

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4 RESULTS - STABILITY TESTS - READY TO USE SOLUTION

Bactericidal efficacy

	Sample:	F10 Pre-Diluted 061A (X37032)		F10 Pre-Diluted 061B (X37031)		F10 Pre-Diluted 061C (X37033)	
		B/N 1/150		B/N 1/200		B/N 1/250	
		Dilution: 'As is'		'As is'		'As is'	
Contact Time:		2 min	5 min	2 min	5 min	2 min	5 min
Percentage kill of <i>P.aeruginosa</i>	Day 7	99.9	99.9	99.9	99.9	99.9	99.9
	Day 14	99.9	99.9	99.9	99.9	99.9	99.9
	Day 21	99.9	99.9	99.9	99.9	99.9	99.9
	Day 35	99.9	99.9	99.9	99.9	99.9	99.9
	Month 3	99.9	99.9	99.9	99.9	99.9	99.9
	Month 4	99.9	99.9	99.9	99.9	99.9	99.9
	Month 5	99.9	99.9	99.9	99.9	99.9	99.9
	Month 6	99.9	99.9	99.9	99.9	99.9	99.9
	Month 7	99.9	99.9	99.9	99.9	99.9	99.9
	Month 8	99.9	99.9	99.9	99.9	99.9	99.9
	Month 9	99.9	99.9	99.9	99.9	99.9	99.9
	Month 10	99.9	99.9	99.9	99.9	99.9	99.9
	Month 11	99.9	99.9	99.9	99.9	99.9	99.9
	Month 12	99.9	99.9	99.9	99.9	99.9	99.9
	Month 13	99.9	99.9	99.9	99.9	99.9	99.9
	Month 14	99.9	99.9	99.9	99.9	99.9	99.9
	Month 15	99.9	99.9	99.9	99.9	99.9	99.9
	Month 16	99.9	99.9	99.9	99.9	99.9	99.9
	Month 17	99.9	99.9	99.9	99.9	99.9	99.9
	Month 18	99.9	99.9	99.9	99.9	99.9	99.9
	Month 19	99.9	99.9	99.9	99.9	99.9	99.9
	Month 20	NT	NT	NT	NT	99.9	99.9
	Month 21	NT	NT	NT	NT	99.9	99.9
	Month 22	NT	NT	NT	NT	99.9	99.9
	Month 23	NT	NT	NT	NT	99.9	99.9
Month 24	NT	NT	NT	NT	99.9	99.9	
Retention sample	NT	NT	NT	NT	99.9	99.9	

Note: NT = Not Tested

REMARKS:

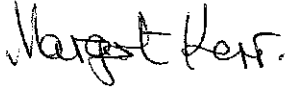
When tested in accordance with Section 6.3 of SANS 1615-1994, the relevant dilution of the product shall, within 5 min, kill at least 99.9% of the organisms indicated.

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 test 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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