

PESTICIDE TRIAL SECTION

Your ref.: 2011-01-25
Enquiries: VC Nel
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Tel.: +27 12 428 6164
Date: 2011-02-21

The Manager
Cape Alliance Security (Pty) Ltd
Attention: Mr Patrick Milner
Postnet Suite 407,
Private Bag X1
Melrose Arch
2076

Dear Sir

MOSQUITO BARRIER

With reference to your e-mail of 25 January 2011 requesting that we conduct a test on the sample submitted and have pleasure in enclosing our report No. 2418/F3010.

Yours faithfully



HV Garbers
Manager: Chromatographic Services

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TEST REPORT

SABS

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MOSQUITO BARRIER

1. SAMPLE RECEIVED ON 12 JANUARY 2011

A bottle labelled "Aquatain AMF Liquid Mosquito Film".

2. TEST REQUESTED

Biological efficacy against the development of mosquito adults.

3. TEST METHOD

3.1 The test commenced 27 January 2011.

3.2 Test conditions:

Temperature: 23 °C to 28 °C

Light: Normal day/night cycle

3.3 The test insects used were yellow fever mosquito larvae and pupae (*Aedes aegypti*). The larvae were approximately 8 mm in length.

3.4 Eight plastics containers, each measuring 350 mm x 350 mm x 200 mm, each filled with 4 L deionized water were used as test containers.

3.5 In each of the containers 10 larvae and 10 pupae were placed.

3.6 Four of the containers were each treated with the sample using a pipette at a rate of 1 mL/m². The remaining containers served as untreated controls.

3.7 The next day a mortality count of the pupae and the number of adults that have emerged were counted.

3.8 After five and 15 days the number of adults that emerged was recorded. On the latter day the mortality of larvae was also recorded.

SABS COMMERCIAL (PTY) LTD

Report No. 2418/F3010

4. RESULTS

Time after application	Stage exposed	Container treated	Mortality counts							Number of adults emerged			
			Replicates (Out of 10)				Total (Out of 40)	Replicates (Out of 10)				Total (Out of 40)	
			1	2	3	4		1	2	3	4		
24 h	Pupae	Yes	9	10	9	10	38	1	0	1	0	2	
		No	0	0	0	0	0	10	10	10	10	40	
5 d	Larvae	Yes	-	-	-	-	-	0	0	0	0	0	
		No	-	-	-	-	-	10	10	10	10	40	
15 d	Larvae	Yes	0	0	0	0	0	0	0	0	0	0	
		No	10	10	10	10	40	10	10	10	10	40	

5. REMARKS

Attention is drawn to the regulations governing the registration and sale of agricultural and stock remedies, promulgated under the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act 36 of 1947).


H.V. Garbers
 Manager: Chromatographic Services



VC Nel – Principal Test Officer
 Technical Signatory

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 imply to any similar item that has not been tested (refer also to the complete conditions printed on the back of official test reports).