

**MICROBIOLOGY DEPARTMENT 7218****BLUESTREAM**

Attention: Mr. Mark Hinton

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2163

Your ref:

Our ref:

Enquiries: 428-6172

Date: 2004-09-01

1907835/2419/X32902

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**PRODUCT SAMPLES****1. DESCRIPTION OF SAMPLES**

Two samples labeled as in paragraph 5, were received on 2004-07-29. One sample ( BIO – TREAT POWDER ) was re – tested on 2004-08-20.

**2. TEST REQUESTED**

Microbiological examination of above mentioned samples.

**3. METHOD OF TEST****3.1 Sample preparation**

25g of sample are aseptically weighed into 225mP sterile buffered peptone water. The mixture is homogenized to give a 1 in 10 dispersion.

**\* ( The sample was left, over – night, at room temperature for 72 hrs before being used for the test. ) \***

**3.2 Methods**

1. ISO 4833 Microbiology – General guidance for the enumeration of micro-organisms – Colony count technique at 30°C.
2. The samples are plated out using the 1 in 10 dispersion. Tryptone bile X-glucuronide medium is used for the tests and incubated at 44°C for 18 hours. No resuscitation time at 37°C is given to the plates. The plates are then examined for the presence of blue/green colonies. Presumptive colonies are confirmed using the API 20E system.
3. ISO 6579 Microbiology – General guidance on methods for the detection of *Salmonella*
4. ISO 7937 Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of *Clostridium perfringens* – Colony count technique.
5. ISO 6888 Microbiology – General guidance for enumeration of *Staphylococcus aureus* – Colony count technique.

**4. DURATION OF TESTS:**

The tests commenced on the 2004-08-20 and were completed on 2004-08-27.

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This test was performed by Testing and Conformity Services (Pty) Ltd, an affiliate of the SABS. 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 the official test reports.)

**5. MICROBIOLOGICAL RESULTS:**

Sample	Total bacterial count/g	<i>E. coli</i> /g	<i>Salmonella</i>	<i>S. aureus</i>	<i>Clostridium</i>
BIO – TREAT POWDER	1055 000 000	10	PRESENT	ND	ND

NOTE: ND = Not detected

  
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MICROBIOLOGY DEPARTMENT

  
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