

PHARMACEUTICAL MICROBIOLOGY : 2423

Maintenance Technologies
Attention: Mr. Andrian Fourie
P O Box 7
SIMONSTOWN
7995

Ons verw/Our ref: 07-593

Navrae/Enquiries: 428-6090/6306

Datum/Date: 2007-07-17

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FUEL FOR MICROBIAL LIMITS**1. DESCRIPTION OF SAMPLE**

Two samples of Fuel one treated with Dieselcure Fuel Decontaminant at 1:4000 and one Untreated were received and tested on 2007-07-06. The treated sample was later further treated at 1: 2000.

2. TEST REQUESTED

To determine total microbial count per gram of sample and the presence of pathogens as shown in the results.

3. METHOD OF TEST

The samples were tested in accordance with the method described in the BP 2007 also adding clients requirements. Time lapse between time of treatment and time of testing: 2hours on each occasion.

SABS COMMERCIAL-Test Report

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4. RESULTS

Microbial limit test on Fuel

Sample	Total count/g	Yeast & Mould	Presence of			
			<i>Sal</i>	<i>Esc</i>	<i>Pse</i>	<i>Sta</i>
Fuel Treated with Dieselcure Fuel Decontaminant After first treatment	67	43	Absent	Absent	Absent	Absent
Untreated Fuel	6200	5300	Absent	Absent	Absent	Absent
Fuel Treated with Dieselcure Fuel Decontaminant After second treatment	<10	<10	Absent	Absent	Absent	Absent

NOTE: < 10 reflects the accuracy of the test procedure and for all practical purposes implies the absence of the organism indicated.

< = Less than

Conclusion: The treated sample was observed to have substantially less counts after initial treatment, and the bacteria was removed completely after second treatment. Furthermore, it should be noted that if the first sample had been left for a longer period, and tested again prior to the second treatment, it could well have reflected an absence of the organism indicated.



L. MARETELA
PHARMACEUTICAL MICROBIOLOGY



N. FIKIZOLO
MANAGER: PHARMACEUTICAL MICROBIOLOGY

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