

## TEST REPORT

**To :** OPC RESOURCES SDN. BHD.  
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Taman Sri Rambai,  
14000 Bukit Mertajam,  
Penang.

**Report No. :** MC1506-0545-3P

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**Date of Issue :** 08/07/2015

**Attn:** Mr. Eric Ooi

**The following sample(s) was(were) identified by the customer as :**

NATMOS - ANTI MOSQUITOES SPRAY  
(1P) INTERVAL 0 MINUTES  
(2P) INTERVAL 1 MINUTES  
(3P) INTERVAL 2 MINUTES



Sample Photograph

**Date of Sample Received :** 24/06/2015

**Date of Testing :** 24/06/2015 to 08/07/2015

### **Objective:**

The test is carried out in challenging sample of "NATMOS Anti Mosquitoes Spray" with a prescribed initial inoculums of microorganism and the surviving number of microorganism are determined at zero(immediately), one(1) and two(2) minutes contact time intervals

### **Test Result:**

Refer page 2 for details.

### **Conclusion:**

The challenge test on the sample of "NATMOS Anti Mosquitoes Spray" shows a 99.9 % within 2 minutes of contact time on one (1) type of microorganism.

**Signed for and on behalf of  
NM LABORATORY SDN. BHD.**

Vijayenthy Nadarajan  
Microbiologist  
B. App. Sc. (Hons)

**Customer** : OPC RESOURCES SDN BHD  
**Date of Issue** : 08/07/2015

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**Test Result(s):**

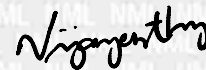
| Test Organism                                   | Initial Inoculum (CFU/ml) | Log <sub>10</sub> CFU/ml |
|---|---------------------------|--------------------------|
| <i>Staphylococcus aureus</i><br>(ATCC No. 6538) | 4.4 x 10 <sup>5</sup>     | 5.64                     |

| Test Organism                                   | CFU/ml               |          |           | % Log Reduction      |          |           |
|---|----------------------|----------|-----------|----------------------|----------|-----------|
|   | Contact Time         |          |           | Contact Time         |          |           |
|   | 0 time (immediately) | 1 minute | 2 minutes | 0 time (immediately) | 1 minute | 2 minutes |
| <i>Staphylococcus aureus</i><br>(ATCC No. 6538) | ND(<10)              | ND(<10)  | ND(<10)   | 99.9                 | 99.9     | 99.9      |

**Methodology(s):** US Pharmacopoeia, USP 34 NF 29

**Remark(s) :** Sampled and submitted by OPC RESOURCES SDN. BHD.

Signed for and on behalf of  
**NM LABORATORY SDN. BHD.**



Vijayenthya Nadarajan  
 Microbiologist  
 B. App. Sc. (Hons)

- End of Report -



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2. This report / certificate is not a certificate of quality. The result(s) of testing / analysis performed by NML is applicable to the particular sample(s) received at the time of testing / analysis. They do not indicate or imply that NML approves, recommends or endorses the manufacturers or suppliers or users of products and it shall not be used to imply product certification.
3. The overleaf test / analysis result(s) is / are based solely on the sample(s) submitted by the customers. NML assumes no responsibility for the accuracy of information on the name, type, class, brand or model number of products or any information supplied by the customers.
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8. Presentation of test / analysis result(s) for detection limit and unit of measurement shall be agreed by NML and customers, normally decided by NML for technical reasons and good practice in analytical measurement.
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