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केन्द्रीय मात्स्यकी प्रौद्योगिकी संस्थान
CENTRAL INSTITUTE OF FISHERIES TECHNOLOGY
(भारतीय कृषि अनुसन्धान परिषद)
(INDIAN COUNCIL OF AGRICULTURAL RESEARCH)
विलिंगडन आइलैंड, मत्स्यपुरी पी. ओ., कोच्चिन-682 029
WILLINGDON ISLAND, MATSYAPURI P.O., COCHIN-682 029

TEST CERTIFICATE

Report No. : 1716 Date : 04.07.2008
Issued to : M/s. Orange Care Solutions (India)Pvt.Ltd.,
Ground Floor, S.V.Complex, 55, K.R.Road,
Basavahagudi, Bangalore-560 004
Customer Ref. No. : OCS-BLR/CIFT/08/003 Date : 21.06.2008

PART A: PARTICULARS OF SAMPLE SUBMITTED

- a) Name of sample : **Wysiwash Sanitizer**
b) Grade/Variety/Type/Size/Class, etc. : Nil
c) Declared values, if any : Nil
d) Code No. : Nil
e) Quantity :
f) Mode of packing : Party has prepared the treatment solution in
our laboratory
g) Any other information : Sample submitted on 01.07.2008
h) Test performing dates : 01.07.08 to 04.07.08

Head of Division
Concerned Laboratory

Technical Manager

Quality Manager
Authorized signatory
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PART B: SUPPLEMENTARY INFORMATIONS

- a) Reference to sampling procedure : Party has prepared the treatment solution in the laboratory
- b) Supporting documents for the measurements taken and results derived : Nil
- c) Deviation from the test methods as prescribed in relevant ISS/Work instructions, if any : Nil


REPORT NO. 1716

PART C: TEST RESULTS

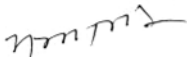
Sl. No.	Test	Test method	Unit	Results obtained
	Separate sheet attached			

PART D: REMARKS :

- NB:
1. The results stated above relate only to the items tested.
 2. This Test Certificate shall not be reproduced except in full without the written approval of the Laboratory.


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Test report on Wysiwash sanitizer

The sterile plates were inoculated with type cultures of the test organisms. Inoculum were picked up before treatment and after treatment with the treatment solution containing available chlorine between 60 and 70ppm and survival evaluated by pour plate technique. The growth observed in the nutrient agar plate for samples before treatment, after treatment and control are detailed below:

S.No.		Plate Control	Before treatment	After treatment
1.	<u>E.Coli</u>	No growth	Crowded growth (+ve)	No growth (-ve)
2.	<u>Vibrio Cholerae</u>	No growth	Crowded growth (+ve)	No growth (-ve)
3.	<u>Salmonella</u>	No growth	Crowded growth (+ve)	No growth (-ve)
4.	<u>Listeria monocytogens</u>	No growth	Crowded growth (+ve)	No growth (-ve)
5.	<u>Staphylo Coccus aureus</u>	No growth	Crowded growth (+ve)	No growth (-ve)
6.	TPC	No growth	Crowded growth (+ve)	No growth (-ve)

Remarks: The treatment with Wysiwash Sanitizer is effective in eliminating the test organisms after 4 minutes contact time. The available chlorine content of the treatment solution is between 60 and 70ppm. Suitable for cleaning of non food contact surface.

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