



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

An ISO - 9001:2008 Certified Institute

TEST CERTIFICATE

000166839

Issued to :

CHEMICAL SYSTEMS TECHNOLOGIES (INDIA) PVT. LTD.
ECOWARE DIVISION,
M-58, IIND FLOOR MARKET,
GREATER KAILASH-II
NEW DELHI - 110048

J.O.No. 003-141-0433
Reg.No. 1301338
Date 26-04-2010
GC-01 (REV-04)
Your Ref.No. -

Kind Attn: MS RHEA SINGHAL , DIVISION HEAD

Sample Particulars:

Date 05.03.2010

One sample described as ecoware biomass based disposable tableware, was received.
" The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party".

TEST RESULTS

As per guidelines of ASTM D 5988

| <u>S.No.</u> | <u>Description</u> | <u>Observation</u> |
|--------------|--|--|
| 1. | Origin of soil | Laboratory mixture of equal parts (by weight) of sand, top soil and compost manure |
| 2. | Test duration: | 90 Days |
| 3. | Reference material: | Cellulose |
| 4. | pH (a) pH of soil (before test) (b) pH of soil (after test). | 7.5 7.6 |
| 5. | Carbon content, % by mass. (a) Carbon content of sample (b) Carbon content of reference (c) Carbon content of Soil. | 58.23 42.36 0.667 |
| 6. | Volume of reaction vessel. | 2000 ml |
| 7. | % Biodegradation of test material -Ecoware Biomass based disposable tableware. (on the basis of CO ₂ evolution) | 88% |
| 8. | % Biodegradation of reference material (Cellulose) (on the basis of CO ₂ evolution) | 92 % |

DOR: 05.03.2010
DOC: 24.04.2010


AUTHORISED SIGNATORY
(EMPLOYEE CODE: 4162)