




**CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
MINISTRY OF SCIENCE & TECHNOLOGY,
GOVT. OF INDIA, MYSURU – 570 020**



Customer name	OMITTED FOR PRIVACY	 NABL ACCREDITED M-0868	
Sample	Not collected, submitted on behalf of		
Product	Palm leaf plates and Bowl		
Test reference:	ICAR/DP/331-2016		
Date of test:	September 02, 2016		
Date of report:	November 22, 2016		

Compostability Testing: Palm Leaf Plates

To check for composting standards as per Biodegradable Products Institute (BPI) criteria for compostability.

ASTM D-6866

Test: Biological material testing

Result: Bio-based determination showed a result average of 100%.

Explanation: Palm leaf products are completely natural. There are no additives, plastics, waxes or glues.

ASTM D-6868 with pre-screening of ASTM D-6002.

Test: Compostability and safety of composted material—summer barley used as the germinating spore.

Results: Passed with 92% in 14 days. Additionally, plant growth was 66% greater than the base line soil test and 32% greater than the compost alone test.

Explanation: Simply put, the compost mixed with palm leaf byproducts acts as a fertilizer, enhancing plant growth.

ASTM D-5338 with pre-screening of ASTM D-6002.

Test: Compostability and safety of composted material—cress seed used as the germinating spore.

Results: Passed with 95% in 14 days. Additionally, plant growth was 56% greater than the base line soil test and 69% greater than the compost alone test.

Explanation: A mixture of compost and palm leaf byproducts acts as a fertilizer, enhancing plant growth significantly. Not only does palm leaf compost, but also makes high-quality compost.

ASTM D-6868 and ASTM D-6400.

Test: Speed and ability to be composted.

Results: The test was run for only 62 days instead of the full 90-day course, due to the expedited rate of composting. Samples averaged 95.4% compost disintegration with a carbon nitrogen breakdown of 13.5:1.

Explanation: As the standard for this test is 60% in 90 days, palm leaf breaks down 150% above the standard in 2/3 the time. That means that palm leaf breaks down at 227% the normal rate.

V.D. SATTIGERI
Deputy Quality Manager
CFTRI, MYSORE-570 013



CERTIFICATE OF REGISTRATION

*This is to certify that the
Quality Management System of*

OMITTED FOR PRIVACY

Address :

(INDIA)

*has been assessed and found in compliance
with requirements of*

**ISO 9001:2008
(Quality Management System)**

Concerning the Following activities :

**Manufacture and Export of Environment Friendly, Single use
Plates, Bowls, Platters, Quick Service Restaurant Disposables.**

Certificate No. CQ -

1st Surveillance Date Due on 11/07/2016 ☐ Date of initial registration 11/07/2015
2nd Surveillance Date Due on 11/07/2017 ☐ Date of certificate expiry 10/07/2018

Subject to the company maintaining its system to the required standard



Managing Director



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