



TEST REPORT

Report No. : MAN:HL:1548000459

ISSUE DATE: 31-Jan-2024



ECOLATES INDIAN PRIVATE LIMITED
SURVEY NO 631, KHADSUPA, NAVATALAV,
NAVSARI-396433,GUJARAT
INDIA
CONTACT PERSON: ANIMESH PATEL

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION	9 INCH & 6 INCH ROUND SUGARCANE BAGASSEE PLATE, NO. COMPARTMENT, 12 OZ BOWL
COLOR	WHITE
STYLE NO.	9" ROUND-NO COMPARTMENT, 6" ROUND & 12OZ BOWL
COUNTRY OF DESTINATION	USA
COUNTRY OF ORIGIN	INDIA

LAB PROVIDED DETAILS:

CONDITION OF SAMPLE COMPLETE AND OK

THE LOCATION OF PERFORMANCE OF THE LABORATORY ACTIVITIES:

SGS GURUGRAM LABORATORY- US FDA 21 CFR 176.170 (PAPER AND PAPERBOARD)

SGS MANESAR LABORATORY- LEAKAGE TEST, MICROWAVE RESISTANCE TEST

SAMPLE RECD ON 17-Jan-2024 TESTING PERIOD : 22-Jan-2024 - 31-Jan-2024

SUMMARY OF TEST RESULTS:

TESTS	PASS	FAIL	REMARKS
1. US FDA 21 CFR 176.170 (PAPER AND PAPERBOARD)- DETERMINATION OF AMOUNT OF NET CHLOROFORM SOLUBLE EXTRACTIVES	P		
2. LEAKAGE TEST	P		
3. MICROWAVE RESISTANCE TEST	P		

Remarks: P=Pass

F=Fail

TEST(S) RESULT & METHOD: PLEASE REFER TO NEXT PAGE(S). RESULTS APPLY TO THE SAMPLE AS RECEIVED

Per Pro SGS India Pvt. Ltd.

SANDIP BHUSHAN
TECHNICAL MANAGER
Authorized Signatory-Mechanical

Email your Test Report Related Enquiries at Feedback.HLT@sgs.com

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NON ACCREDITED TEST(S)

TEST RESULT:

1. US FDA 21 CFR 176.170 (Paper and Paperboard) – Determination of Amount of Net Chloroform Soluble Extractives:-

Method: In house Test Method (SO-IN-C&P – TE-142) Based on U.S 21 CFR Food And Drugs Administration 176.170.

Extractants	Test Condition	Result (mg/inch ²)	Reporting Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
Distilled Water	120°F for 24 hours	Not Detected	0.2	0.5
8% Alcohol	120°F for 24 hours	Not Detected	0.2	0.5
50% Alcohol	120°F for 24 hours	Not Detected	0.2	0.5
n-Heptane	70°F for 30 minutes	Not Detected	0.2	0.5
Conclusion	--	Pass	--	--

Tested Item: 9 INCH & 6 INCH ROUND SUGARCANE BAGASSEE PLATE, NO. COMPARTMENT, 12 OZ BOWL

Note:

1. mg/inch² = milligram per square inch
2. °F = degrees Fahrenheit
3. Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

2. LEAKAGE TEST:

Method: As per Customer Specification

Test Name	Test Result	Customer Requirement
Leakage Test	No leakage observed or see page, When filled with cooking oil for 45 min.	It should not show No signs of Leakage or failure of any seal.
Conclusion	Pass	--

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3. MICROWAVE RESISTANCE TEST:

Method: With reference SGS-TM-HL-00123, 2017
Test Condition: Specified cycles used : 02
 No. Of Tested Sample: 01
 Actual Test Microwave Power: 700 W
 Each Cycle Time: 2 Minute (as per customer request.)
 Substrate Used: 1/2 cup cooked macaroni mixed with one table spoon cooking oil
 Max. Surface Temp. After 1st cycle : Top Rim of Bowl 34.8°C

Tested Name	Test result	Requirement
Microwave Oven Test	<p>After 1st cycle: No Deformation, failure observed.</p> <p>After 2nd cycle: No Deformation, failure observed.</p>	There shall not be any structural or physical damage, breake, chipping, crazing, cracking, fading of the glaze, peeling of deal, Imperfeetion of the surface or change in shape observed. Temperature: Ceramic, glass – Cermic or Glass: 56°C Plastic, Wooden- 60°C
Conclusion	Pass	--

Tested Item: 9 INCH & 6 INCH ROUND SUGARCANE BAGASSEE PLATE, NO. COMPARTMENT, 12 OZ BOWL

Note: Above all testing has been performed as per customer request (Test condition and test cycle).

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Sample as Received (Tested Sample)



Sample as Received (Grouped Sample)



*****END OF REPORT*****