TEST REPORT

Report No. : MAN:HL:1648004370 **ISSUE DATE: 03-Jul-2025**

YASH LAXMI ECO PACK PVT LTD
PLOT NO 124, JAWAHAR NAGAR EXTN,
BHELUPUR, VARANASI – 221010
INDIA
CONTACT PERSON: SANJAY MITTAL

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

SAMPLE DESCRIPTION	BAGASSE MOULDED TABLEWARE PRODUCTS (9" ROUND PLATE, 10" 3 CP ROUND PLATE, 12" ROUND PLATE 12" 4 CP ROUND PLATE, 180 ML BOWL, 150 ML SQUARE BOWL)
COLOUR	WHITE
COUNTRY OF ORIGIN	INDIA

LAB PROVIDED DETAILS:
CONDITION OF SAMPLE COMPLETE AND OK
THE LOCATION OF PERFORMANCE OF THE LABORATORY ACTIVITIES:
SGS GURUGRAM LABORATORY: EXTRACTABLE HEAVY METALS,
SGS MANESAR LABORATORY- MICROBIOLOGICAL TEST, MICROWAVE OVEN TEST, HEAT RESISTANCE
SAMPLE RECD ON 24-Jun-2025 **TESTING PERIOD :** 25-Jun-2025 - 03-Jul-2025

SUMMARY OF TEST RESULTS:

TESTS	PASS	FAIL	REMARKS
1. MATERIALS AND ARTICLES IN FOOD CONTACT (ENGLAND) REGULATION, UK STATUTORY INSTRUMENTS 2012 NO. 2619 IS ALIGNED WITH EU REG AND GUIDE ON PLACING GOODS ON UK MARKET AFTER BREXIT	--		
EXTRACTABLE HEAVY METALS	P		
2. MICROBIOLOGICAL TEST	P		
3. MICROWAVE OVEN TEST	P		
4. HEAT RESISTANCE	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.



PURUSHOTTAM TRIPATHI
TECHNICAL EXECUTIVE
Authorized Signatory-Mechanical
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TEST RESULTS:

1. MATERIALS AND ARTICLES IN FOOD CONTACT (ENGLAND) REGULATION, UK STATUTORY INSTRUMENTS 2012 NO. 2619 IS ALIGNED WITH EU REG AND GUIDE ON PLACING GOODS ON UK MARKET AFTER BREXIT:

EXTRACTABLE HEAVY METALS:-

Method: With reference to EN 645:1993 (cold water extraction) and EN 647:1993 (hot water extraction). Analysis was performed by ICP-OES / ICP-MS

Test Item	Result (mg/dm^2) Hot Water	Result (mg/dm^2) Cold Water	Reporting Limit (mg/dm^2)	Permissible Limit (mg/dm^2)
Extractable Lead	Not Detected	Not Detected	0.002	0.003
Extractable Cadmium	Not Detected	Not Detected	0.001	0.002
Extractable Mercury	Not Detected	Not Detected	0.001	0.002
Conclusion	Pass	Pass	--	--

Tested Item: BAGASSE MOULDED TABLEWARE PRODUCTS

Note:
- mg/dm^2 = milligram per square decimeter.
- Permissible limit has been taken from UK Statutory Instruments 2012 No. 2619.
- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory

2. MICROBIOLOGICAL TEST:

METHOD: Sampling with reference to ISO 18593: 2018

TEST ITEM	METHOD	TEST RESULT	UNIT
Total Plate Count	ISO 4833 : Part 1 : 2022	<10	cfu/unit
Coliforms	ISO 4831 : 2006	Absent	Per unit
Escherichia Coli	ISO 7251 : 2023	Absent	Per unit
Yeast & mould	ISO 21527: Part 1 : 2008	<10	cfu/unit
Salmonella spp	ISO 6579 Part 1 : 2017	Absent	Per unit
Pseudomonas aeruginosa	SO-IN-AFL-MNR-M-TE-013	Absent	Per unit
Staphylococcus aureus	ISO 6888 : Part 3 : 2003	Absent	Per unit

Tested Item: BAGASSE MOULDED TABLEWARE PRODUCTS

Note:
- Cfu: Colony forming unit per swab.
- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory

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3. MICROWAVE OVEN TEST:

Method: SGS-TM-HL-00123, 2017
Test Condition: Specified cycles used : 01
No. Of Tested Sample: 01
Each Cycle Time: 1 Min
Substrate Used: Filled with 50% Water

Tested Name	Observation	Requirement
Microwave Oven Test	No failure observed.	No Warping, Cracking, or Significant Softening.
Conclusion	Pass	

Tested Item: BAGASSE MOULDED TABLEWARE PRODUCTS

Note : Test performed as per customer test condition

4. HEAT RESISTANCE TEST:

Method: SGS in house;Based on Customer Specified.
Test Condition: Filled with Hot Water (80% Capacity) and Kept for 15 Min. at 70°C

TEST NAME	TEST RESULT	REQUIREMENT
Heat Resistance Test	No Leakage observed.	Plates should retain structural integrity. No deformation, burns, or discoloration.
Conclusion	Pass	--

Tested Item: BAGASSE MOULDED TABLEWARE PRODUCTS

Note:

- °C = Degree Celsius.
- Test condition was specified by customer.
- Above all testing has been performed as per customer request.

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Sample as Received (Tested Sample)



Sample as Received (Grouped Sample)



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

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