



ULR-TC-629324000029731F

TEST REPORT

Report No. GR:HL:155200949

ISSUE DATE: 03-May-2024



GOOD 2 GO GLOBAL LLP

B-419, TOWER B, EMAAR DIGITAL GREENS,

SECTOR 61

GURGAON HARYANA- 122102

INDIA

CONTACT PERSON: VARUN SHARMA

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

SAMPLE DESCRIPTION PLA STRAWS

LAB PROVIDED DETAILS:

CONDITION OF SAMPLE COMPLETE AND OK

THE LOCATION OF PERFORMANCE OF THE LABORATORY ACTIVITIES: SGS GURUGRAM LABORATORY

SAMPLE RECD ON 25-Apr -2024 TESTING PERIOD : 25-Apr-2024 - 03-May-2024

SUMMARY OF TEST RESULT:

TESTS	PASS	FAIL	REMARKS
1. SPECIFIC MIGRATION OF HEAVY METALS	P		
2. SPECIFIC MIGRATION OF PHTHALIC ACID, BIS(2-ETHYLHEXYL) ESTER (DEHP)	P		
3. DETERMINATION OF OVERALL MIGRATION OF CONSTITUENTS OF PLASTIC MATERIALS AND ARTICLES INTENDED TO COME IN CONTACT WITH FOOD STUFFS – ACCORDING TO IS 9845: 1998 (R 2020)	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.

YOGESH JOSHI (Manager-RSTS)

Authorized Signatory-Chemical

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

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ACCREDITED TEST(S)

TEST RESULT:

1. SPECIFIC MIGRATION OF HEAVY METALS:

Method: In house Test Method (SO-IN-C&P – TE-152)Based on EN 13130-1:2004,Analysis was performed by ICP-MS.
Simulant Used: 3% Acetic Acid
Test Condition: 70°C for 02 Hours (1st Migration)

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Specific Migration of Barium	Not Detected	0.25	1
Specific Migration of Cobalt	Not Detected	0.01	0.05
Specific Migration of Copper	Not Detected	0.25	5
Specific Migration of Iron	Not Detected	0.25	48
Specific Migration of Lithium	Not Detected	0.5	0.6
Specific Migration of Manganese	Not Detected	0.25	0.6
Specific Migration of Zinc	Not Detected	0.5	25
Specific Migration of Antimony	Not Detected	0.02	0.04
Conclusion	Pass	--	--

Tested Item: STRAWS

Note :-

1. mg/kg= milligram per kilogram
2. °C = degree Celsius
3. Permissible Limit is according to indian food safety and standards (Packaging) regulations 2018 with second amendment.
4. Test condition & simulant were specified by customer.

2. SPECIFIC MIGRATION OF PHTHALIC ACID, BIS(2-ETHYLHEXYL) ESTER (DEHP):

Method: In house Test Method (SO-IN-C&P – TE-107)Based on BS EN 13130-1:2004;EU Commission regulation 10/2011 and amend.And Analysis was performed by GC-MS.
Simulant Used 3% Acetic Acid
Test Condition: 70°C for 02 Hours (1st Migration)

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Phthalic Acid,Bis(2-ethylhexyl) Ester (DEHP)	Not Detected	0.1	1.5
Conclusion	Pass	--	--

Tested Item: STRAWS

Note :-

- mg/kg = milligram per kilogram of foodstuff in contact with
- °C = degree Celsius
- Permissible Limit is according to indian food safety and standards (Packaging) regulations 2018 with second amendment 2022.
- Test condition & simulant were specified by customer.
- Above all testing has been performed as per customer request



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ACCREDITED TEST(S)

TEST RESULT:

3.OVERALL MIGRATION:

Method: IS 9845: 1998 (R 2020) (1st Migration)

Simulant Used	Test Condition	Result (Amount of Extractives)		Permissible Limit	
		(mg/kg)	(mg/dm ²)	(mg/kg)	(mg/dm ²)
3% Acetic Acid	70°C for 2 hours	<12	<2	60	10
Conclusion	--	Pass	Pass	--	--

Tested Item: STRAW

Note :-

1. mg/dm² = milligram per decimeter square, mg/kg= milligram per kilogram
2. °C = degree Celsius, < = less than
3. Permissible Limit is according to indian food safety and standards (Packaging) regulations 2018 with amendment.
4. Test condition & simulant were specified by customer.
5. Test has been performed as per customer request.

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Sample as Received



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