



TEST REPORT

Report No: FCL/DA23-29239/2023

Date: 17/03/2023

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Customer Address: Green Paper Industries
UAE, Abu Dhabi – ICAD II

The following samples were submitted by the customer and Identification is declared by the customer;

1. White Paper Straw

SGS Job No : -
Invoice No : -
Sample Received on : 07/03/2023
Test commencement Date : 07/03/2023
Test Result Reporting Date : 17/03/2023

Test Requested : Please refer the test result
Test Method & Results : Please refer the next page(s)
This report has been electronically signed and stamped under the control of Laboratory Manager.

Result Summary

Test Requested	Conclusion.
Overall migration	PASS
Specific migration of heavy metals	PASS
Leachable Hexavalent Chromium VI	PASS

Signed for and on behalf of
SGS Gulf Limited

Tina Sanan
Laboratory Manager



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Test Results:

a) Overall Migration

Method: With reference to FL-SOP-TECH-137 for selection of conditions and test methods; aqueous food simulant by total immersion method.

Simulant Used	Test Condition	Results (mg/dm ²)	Reporting Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
		Sample No DA23-29239		
3% Acetic acid	2 Hours at 40 ^o C	<5.0	5.0	10
10% Ethanol	2 Hours at 40 ^o C	<5.0	5.0	10
Comment	---	PASS	-- --	-- --

^o are accredited by DAC

b) Specific Migration

Method: Sample preparation in 3% Acetic Acid at 70 C^o for 2 Hours with reference FL-SOP-TECH-137; followed by ICP-MS

Test Item	Test Condition	Results (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
		Sample No DA23-29239		
Cadmium (Cd)	2 Hours at 70 ^o C	ND	0.001	--
Lead (Pb)	2 Hours at 70 ^o C	ND	0.006	--
Mercury (Hg)	2 Hours at 70 ^o C	ND	0.002	--

c) Leachable Hexavalent Chromium VI

Method: Test condition 3% Acetic Acid at 70 C^o for 2 Hours Hexavalent Chromium was performed by UV-Spectrophotometer (FL-SOP-TECH-187)

Test Item	Test Condition	Result(s) (mg/kg)	Reporting Limit	Permissible Limit
		Sample No DA23-29239		
Released Chromium (VI) (mg/kg)	2 Hours at 70 ^o C	<0.01	0.01	0.03
Comment	--	--	--	--



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Sample 1- White Paper Straw



Note:

1. mg/kg = Milligram per kilogram
2. °C = degree Celci
3. ND= Not Detected

Note: The test data is based on first migration result only.



***** End of Report *****

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