



**KEEP IT FRESH LLP**  
 PLOT NO 18, SECTOR 6, IMT MANESAR  
 GURGAON-122052  
 IN  
**CONTACT PERSON : BISHAN SINGH**

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

**SAMPLE DESCRIPTION** KEEP IT FRESH PADS TESTING  
**COLOUR** WHITE  
**STYLE NO.** 23.5 X 32, 23.5 X 45 CM, 35 X 40, 35 X 47, 35 X 47  
**COUNTRY OF ORIGIN** INDIA  
**SAMPLE RECD ON** 27/08/2019  
**TEST PERFORMING DATE** 30/08/2019 TO 13/08/2019

**SUMMARY OF TEST RESULTS:**

TEST REQUESTED	CONCLUSION
<b>1. TESTING AS PER COMMISSION REGULATION (EU) NO 10/2011</b>	--
Overall Migration	Pass
<b>2. EN 71-3:2013 + A3:2018 - MIGRATION OF CERTAIN ELEMENTS</b>	Pass
<b>3. DIMETHYL FUMARATE (DMFu)</b>	SEE RESULT
<b>4. BISPHENOL A (BPA) CONTENT</b>	SEE RESULT
<b>5. MOULD COUNT</b>	SEE RESULT

**TEST(S) RESULT & METHOD:** PLEASE REFER TO NEXT PAGE(S)

Per Pro SGS India Pvt. Ltd.



**SANDIP BHUSHAN(Asst. Manager)**

Email your Test Report Related Enquiries at [Feedback.HLT@sgs.com](mailto:Feedback.HLT@sgs.com)



**TEST RESULTS :-**

**1. TESTING AS PER COMMISSION REGULATION (EU) No 10/2011:**

**Overall Migration:**

**Method:** With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods ) (1<sup>st</sup> Migration); EN 1186-3:2002 aqueous food simulants by total immersion method;

Simulant Used	Test Condition	Result (mg/dm <sup>2</sup> )	Reporting Limit (mg/dm <sup>2</sup> )	Permissible Limit (mg/dm <sup>2</sup> )
10% Ethanol	40°C for 10 Days	Not Detected	2.0	10
3% Acetic Acid	40°C for 10 Days	Not Detected	2.0	10
<b>Conclusion</b>	--	Pass	--	--

**Tested Item :** KEEP IT FRESH PADS TESTING

**Note :-**

1. mg/dm<sup>2</sup> = milligram per square decimeter
2. °C = degree Celsius
3. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.

**Remark :-**

1. Analytical tolerance of aqueous simulants is 2mg/dm<sup>2</sup> or 12mg/kg
2. Test condition & simulant were specified by client.



2. EN 71-3:2013 + A3:2018 - MIGRATION OF CERTAIN ELEMENTS:

Category III Scrapped-off toy material:

**Method :** With reference to EN71-3:2013+ A3:2018. Analysis of general elements was performed by ICP-OES.

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount (mg)	--	--	--
Soluble Aluminium (Al)	674	50	70,000
Soluble Antimony (Sb)	ND	10	560
Soluble Arsenic (As)	ND	10	47
Soluble Barium (Ba)	ND	50	18,750
Soluble Boron (B)	ND	50	15,000
Soluble Cadmium (Cd)	ND	5	17
Soluble Chromium (Cr)	ND	0.15	--
Soluble Chromium (III) (Cr (III))	ND	5	460
Soluble Chromium (VI) (Cr (VI))	ND	0.18	0.2
Soluble Cobalt (Co)	ND	10	130
Soluble Copper (Cu)	ND	50	7,700
Soluble Lead (Pb)	ND	10	23
Soluble Manganese (Mn)	ND	50	15,000
Soluble Mercury (Hg)	ND	10	94
Soluble Nickel (Ni)	ND	10	930
Soluble Selenium (Se)	ND	10	460
Soluble Strontium (Sr)	ND	50	56,000
Soluble Tin (Sn)	ND	4.9	180,000
Soluble Organic Tin <sup>^</sup>	See Note <sup>^</sup>	0.5	12
Soluble Zinc (Zn)	ND	50	46,000
<b>Conclusion</b>	PASS	--	--

**Tested Item:** KEEP IT FRESH PADS TESTING

**Note :**

- mg/kg = milligram per kilogram
- ND = Not Detected
- 1% = 10000 mg/kg = 10000 ppm
- <sup>^</sup> Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3:2013+ A3:2018.
- Testing has been subcontracted to SGS approved lab.
- Testing has been performed as per client's request.



**3. DIMETHYL FUMARATE (DMFu):**

**Test Method :** In-House Method.Liquid Extraction; Analysis was conducted by GC / MS.

Test Name	Result	Requirement
Dimethyl Fumarate	Nolt Detected	/

Detection Limit : 0.1 mg/kg.

**Tested Item:** KEEP IT FRESH PADS TESTING

**Note :-**

- 1. mg/kg = milligram per kilogram.
- 2. Testing has been subcontracted to SGS approved lab.

**4. BISPENOL A (BPA) CONTENT:**

**METHOD:** Solvent extraction and analysis by LC/MS

TEST NAME	TEST RESULT (mg/kg)	REQUIREMENT (mg/kg)
Bisphenol A (BPA) Content	19	/

Detection Limit: 0.1mg/kg

**Tested Item:** KEEP IT FRESH PADS TESTING

**Note :** Testing has been subcontracted to SGS approved lab.

**5. MOULD COUNT:**

**METHOD:** IS 5403 : 1999 (REAFF. 2013)

TEST NAME	TEST RESULT (cuf/unit)	REQUIREMENT
Bisphenol A (BPA) Content	<10	/

**Tested Item:** KEEP IT FRESH PADS TESTING

**Note :**

- Above all testing has been subcontracted to SGS approved lab.
- Above all testing has been performed as per client request.

## TEST REPORT

Report No. : MAN:HL:1048006805

DATE : 13<sup>th</sup> September, 2019



### Sample as Received



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