

**TEST REPORT**

**NUMBER** : DELH23006576-B  
**DATE** : 20<sup>TH</sup> MAY, 2024



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APPLICANT: ALL TIME PLASTICS PVT. LTD.  
PLOT NO. 377/1 (1&2) & 371/1(C), KACHIGAM CHAR RASTA,  
BEHIND STONE QUARRY, DAMAN (U.T.) 396210

ATTN: ZARIR PATEL

SAMPLE DESCRIPTION: : Sleek Bottle (700 ml) (Assorted)

DATE RECEIVED : 11<sup>TH</sup> APR, 2024  
TEST PERFORMANCE DATE : 11<sup>TH</sup> APR, 2024 TO 17<sup>TH</sup> MAY, 2024  
BUYER'S NAME : --  
BUYING AGENT/ CONTACT : --  
ORDER NO. : --  
BAR CODE : 8902084022546  
STYLE NO. : HSN CODE: 39241090  
COLOR : Mint  
END USE : --  
SEASON : --  
COUNTRY OF ORIGIN : --  
COUNTRY OF DESTINATION : --  
MANUFACTURER'S NAME : ALL TIME PLASTICS PVT. LTD.

TESTS CONDUCTED:AS PER THE REQUEST BY THE APPLICANT.  
TOTAL LEAD CONTENT, TOTAL CADMIUM CONTENT, BISPHENOL-A CONTENT, DISHWASHER SAFE TEST,  
FREEZER SAFE TEST, LEAK PROOFNESS TEST, OVERALL MIGRATION, SPECIFIC MIGRATION OF HEAVY METALS (19  
ELEMENTS)  
FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGE (S).

**CONCLUSION:**

TESTED SAMPLE	TEST PARAMETERS/STANDARD	RESULT
SUBMITTED SAMPLE	TOTAL LEAD CONTENT (With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63)	M
	TOTAL CADMIUM CONTENT (With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 23)	M
	BISPHENOL-A CONTENT (By Solvent Extraction Followed By LC-MS/MS)	M
	DISHWASHER SAFE TEST (As Per Intertek In-House Test Method (M0001-V05))	M
	FREEZER SAFE TEST (As Per Intertek In-House Test Method(M0004-V03))	M
	LEAK PROOFNESS TEST (As per Intertek In-House Method)	#
	OVERALL MIGRATION As Per European Commission Regulation (EC) No.1935/2004 and (EU) No. 10/2011, EU 2020/1245- On Plastic Materials and Articles Intended to Come into Contact with Food)	M
	SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS) (As Per European Commission Regulation (EC) No.1935/2004 and (EU) No.10/2011, EU 2020/1245- On Plastic Materials and Articles Intended to Come into Contact with Food.)	M

NOTE: M = MEET REQUIREMENT F = DO NOT MEET REQUIREMENT  
# = NO SPECIFIED REQUIREMENT N/A = NOT APPLICABLE

Note:  
1.Statement of conformity is based on the Simple acceptance rule without using measurement uncertainty.  
2.Laboratory reports the final test results in test report. Any additional information, if required will be provided on request.



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**AUTHORIZED BY**  
**FOR INTERTEK INDIA PVT. LTD.**

*Kamal Sardhana*

**KAMAL SARDHANA**  
**ASST. MANAGER - HARDLINE**

**Testing Remark:** Test results have been incorporated from report no. DELH23006576 as per applicant's request.



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**TEST CONDUCTED:**

**1. TOTAL LEAD CONTENT:**

Test Regulation: EC No. 1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63  
Method: Analysis Was Performed By ICP-MS/AAS

Tested Component	Test Result (ppm)	Requirement
Submitted Sample	COMPLIES Mint Plastic: <10ppm Natural Plastic: <10 ppm	500 ppm

Detection Limit: 10 ppm

**2. TOTAL CADMIUM CONTENT:**

Test Regulation: EC No. 1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 23  
Method: Analysis Was Performed By ICP-OES

Tested Component	Test Result (ppm)	Requirement
Submitted Sample	COMPLIES Mint Plastic: <10ppm Natural Plastic: <10 ppm	100 ppm

Detection Limit: 10 ppm

**3. BISPHEENOL-A CONTENT:**

Method: By Solvent Extraction Followed By LC-MS/MS.

Tested Sample	Test Result (ppm)	Requirement
Submitted Sample	COMPLIES Not Detected	Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

**Tested Item:**

1. Mint Plastic
2. Natural Plastic

**4. DISHWASHER SAFE TEST:**

Method: As Per Intertek In-House Test Method (M0001-V05)

**Test Condition;**

- Selected Cycle: Normal
- Cycle Duration: 120 Minutes
- Temperature Condition: 60°C
- Detergent Used: Cascade
- No. Of cycles: 10 Cycles

Tested Sample	Test Results / Observation	Requirement
Submitted Sample	COMPLIES (No visual change observed)	Shall not show any chipping, cracking, glaze crazing or other visual change in appearance.

Note: Sample was subcontracted and tested in Intertek's approved laboratory



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**5. FREEZER SAFE TEST:**

Method: As Per Intertek In-House Test Method (M0004-V03)

Test Condition:

Temperature of freezer: -18° C

Exposure period: 24 Hours

Tested Sample	Test Results / Observation	Requirement
Submitted Sample	<b>COMPLIES</b> (No discoloration, cracking, crazing, chipping, permanent deformation observed & No functionality loss observed)	No discoloration, cracking, crazing, chipping, permanent deformation, No functionality loss

**6. LEAK PROOFNESS TEST**

Method: As per Intertek In-House Test Method

Tested Sample	Test Results / Observation	Requirement
Submitted Sample	(No leakage observed on sample)	/

**7. OVERALL MIGRATION:**

As Per European Commission Regulation (EC) No.1935/2004 and (EU) No. 10/2011, EU 2020/1245- On Plastic Materials and Articles Intended to Come into Contact with Food)

Test Method: With Reference to EN 1186-1:2002 For Selection of Test Condition and Test Method.

Simulant Used	Test Condition	Test Results (mg/dm <sup>2</sup> )			Requirement (mg/dm <sup>2</sup> )
		1 <sup>st</sup> Migration	2 <sup>nd</sup> Migration	3 <sup>rd</sup> Migration	
50% Ethanol	40° C for 10 Days	< 5.0	< 5.0	< 5.0	10
3% Acetic Acid	40° C for 10 Days	< 5.0	< 5.0	< 5.0	10

**Tested Item:**

1. Mint Plastic
2. Natural Plastic

**Note:**

Result of 3rd migration < SML, and

Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.

Result of 1st, 2nd and 3rd migration < SML when SML limit is Not Detected (ND)



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**8. SPECIFIC MIGRATION OF HEAVY METAL (19 ELEMENTS):**

As Per European Commission Regulation (EC) No.1935/2004 and (EU) No.10/2011, EU 2020/1245- On Plastic Materials and Articles Intended to Come into Contact with Food.

Method: With Reference to 13130-1:2004, Analysis Was Performed by ICP-MS/OES.

Simulant Used: 3% Acetic Acid

Test Condition: 40° C for 24 Hours

Test Parameter	Test Result (mg/kg) (1, 2&3)			Requirement (mg/kg)
	1 <sup>st</sup> Migration	2 <sup>nd</sup> Migration	3 <sup>rd</sup> Migration	
Barium (Ba)	<0.1	<0.1	<0.1	1.0
Aluminum (Al)	<0.1	<0.1	<0.1	1.0
Cobalt (Co)	<0.03	<0.03	<0.03	0.05
Nickel (Ni)	<0.01	<0.01	<0.01	0.02
Copper (Cu)	<1	<1	<1	5.0
Iron (Fe)	<5	<5	<5	48.0
Zinc (Zn)	<1.0	<1.0	<1.0	5.0
Manganese (Mn)	<0.1	<0.1	<0.1	0.6
Lithium (Li)	<0.1	<0.1	<0.1	0.6
Chromium (Cr)	<0.01	<0.01	<0.01	0.01
Antimony (Sb)	<0.01	<0.01	<0.01	0.04
Arsenic (As)	<0.010	<0.010	<0.010	0.01
Cadmium (Cd)	<0.002	<0.002	<0.002	0.002
Lead (Pb)	<0.01	<0.01	<0.01	0.01
Mercury (Hg)	<0.01	<0.01	<0.01	0.01
Europium (Eu)	<0.01	<0.01	<0.01	0.05 (Sum)
Gadolinium (Gd)	<0.01	<0.01	<0.01	
Lanthanum (La)	<0.01	<0.01	<0.01	
Terbium (Tb)	<0.01	<0.01	<0.01	

**Tested Item:**

- 1. Mint Plastic
- 2. Natural Plastic

**Note:**

Result of 3rd migration < SML, and

Result of 1st migration ≥ 2nd migration ≥ 3rd migration after consideration of result uncertainty.

Result of 1st, 2nd and 3rd migration < SML when SML limit is Not Detected (ND)

**# END OF TEST REPORT #**

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