

**TEST REPORT**

**NUMBER** : DELH23006576-E  
**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: : Stylish Sleek Bottle (700 ml)

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 : 8902084022560  
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:**

- Statement of conformity is based on the Simple acceptance rule without using measurement uncertainty.
- 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. BISPHENOL-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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