

**TEST REPORT**

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



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DATE : 20<sup>TH</sup> MAY, 2024

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 (300 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 : 8902084022539  
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<br>(With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII,<br>Entry 63)   | M      |
|                  | TOTAL CADMIUM CONTENT<br>(With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its Amendments, Annex XVII,<br>Entry 23)  | M      |
|                  | BISPHENOL-A CONTENT<br>(By Solvent Extraction Followed By LC-MS/MS)  | M      |
|                  | DISHWASHER SAFE TEST<br>(As Per Intertek In-House Test Method (M0001-V05))   | M      |
|                  | FREEZER SAFE TEST<br>(As Per Intertek In-House Test Method(M0004-V03))   | M      |
|                  | LEAK PROOFNESS TEST<br>(As per Intertek In-House Method)   | #      |
|                  | OVERALL MIGRATION<br>As Per European Commission Regulation (EC) No.1935/2004 and (EU) No. 10/2011, EU<br>2020/1245- On Plastic Materials and Articles Intended to Come into Contact with Food)                                 | M      |
|                  | SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS)<br>(As Per European Commission Regulation (EC) No.1935/2004 and (EU) No.10/2011, EU<br>2020/1245- On Plastic Materials and Articles Intended to Come into Contact with Food.) | M      |

NOTE: M = MEET REQUIREMENT  
# = NO SPECIFIED REQUIREMENT

F = DO NOT MEET 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<br>Mint Plastic: <10ppm<br>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<br>Mint Plastic: <10ppm<br>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<br>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<br>(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 | <p style="text-align: center;"><b>COMPLIES</b></p> (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)<br>(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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