

**TEST REPORT**

NUMBER : DELH23002923-AI  
DATE : 06<sup>TH</sup> APRIL, 2023



**TEST REPORT**

NUMBER : DELH23002923-AI  
DATE : 06<sup>TH</sup> APRIL, 2023

**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:** POLKA CONTAINER SET 511-514-513 (3 PCS SET)

DATE RECEIVED : 11<sup>TH</sup> MAR, 2023  
TEST PERFORMANCE DATE : 11<sup>TH</sup> MAR, 2023 TO 05<sup>TH</sup> APRIL, 2023  
BUYER'S NAME : --  
BUYING AGENT/ CONTACT : --  
ORDER NO. : --  
BAR CODE : 8902084042612  
STYLE NO. : HSN CODE: 39241090  
COLOR : NATURAL AND MOONLIGHT  
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, MICROWAVE SAFE TEST, AIR LEAKAGE 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 | <b>TOTAL LEAD CONTENT</b><br>(With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63)   | M      |
|                  | <b>TOTAL CADMIUM CONTENT</b><br>(With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 23)  | M      |
|                  | <b>BISPHENOL-A CONTENT</b><br>(By Solvent Extraction Followed By LC-MS/MS)   | M      |
|                  | <b>DISHWASHER SAFE TEST</b><br>(As Per Intertek In-House Test Method (M0001-V05))  | M      |
|                  | <b>FREEZER SAFE TEST</b><br>(As Per Intertek In-House Test Method(M0004-V03))  | M      |
|                  | <b>MICROWAVE SAFE TEST</b><br>As Per Intertek In-House Test Method (M0002-V02)   | M      |
|                  | <b>AIR LEAKAGE TEST</b><br>(As per client's specification)   | M      |
|                  | <b>OVERALL MIGRATION</b><br>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      |
|                  | <b>SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS)</b><br>(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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NUMBER : DELH23002923-AI  
DATE : 06<sup>TH</sup> APRIL, 2023

AUTHORIZED BY  
FOR INTERTEK INDIA PVT. LTD.

*Kamal Sardhana*

KAMAL SARDHANA  
ASST. MANAGER - HARDLINE

**Testing Remark:** Test results have been incorporated from report no. DELH23002923 as per applicant's request.



**TEST REPORT**

NUMBER : DELH23002923-AI  
DATE : 06<sup>TH</sup> APRIL, 2023

**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 | <b>COMPLIES</b><br>Natural Plastic: <10 ppm<br>Moonlight 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 | <b>COMPLIES</b><br>Natural Plastic: <10 ppm<br>Moonlight 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)<br>(1 & 2)    | Requirement  |
|------------------|---------------------------------|--|
| Submitted Sample | <b>COMPLIES</b><br>Not Detected | Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA) |

Detection Limit: 0.1 ppm

**Tested Item:**

1. Natural plastic
2. Moonlight 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: 05 Cycles

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

**Tested Item:** Natural plastic



**TEST REPORT**

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**5. FREEZER SAFE TEST:**

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

**Test Condition:**

**Temperature of freezer:** -18°F

**Exposure period:** 24 Hours

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

**Tested Item:** Natural plastic

**6. MICROWAVE SAFE TEST:**

**Method:** As Per Intertek In-House Test Method (M0002-V02)

**No of cycles:** 06 Cycles

| Tested Sample    | Test Results / Observation  | Requirement  |
|------------------|---|--|
| Submitted Sample | (No any chipping, cracking, crazing or other change from the original state is rated as failure observed) | No any chipping, cracking, crazing or other change from the original state is rated as failure |

**Tested Item:** Natural plastic

**7. AIR LEAKAGE TEST:**

**Method:** As per client's specification

| Duration                    | Test Results   |                | Client's Requirement                  |
|-----------------------------|----------------|----------------|---------------------------------------|
|                             | A1             | A2             |                                       |
| DAY- 0                      | 128.034        | 129.041        | X < 0.10%<br>100% Air-Tight           |
| DAY- 1                      | 129.051        | 130.029        |                                       |
| DAY- 2                      | 130.072        | 131.011        |                                       |
| DAY- 3                      | 131.091        | 132.021        | 0.10% ≤ x ≤ 0.60%<br>Can be Air-Tight |
| DAY- 4                      | 132.191        | 133.011        |                                       |
| DAY- 5                      | 133.111        | 134.026        |                                       |
| <b>D5 – D0</b><br><b>D0</b> | 0.03%          | 0.04%          | X > 0.60% Not Air Tight               |
| <b>Rating</b>               | 100% Air-Tight | 100% Air-Tight | --                                    |

**Tested Item:** Natural plastic

- : A1-As received sample
- : A2- After dishwashing



**TEST REPORT**

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**8.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> )<br>(1 & 2) |                           |                           | Requirement (mg/dm <sup>2</sup> ) |
|----------------|--------------------|---|---------------------------|---------------------------|-----------------------------------|
|                |                    | 1 <sup>st</sup> Migration                     | 2 <sup>nd</sup> Migration | 3 <sup>rd</sup> Migration |                                   |
| 10% Ethanol    | 100°C for 2 Hours  | < 5.0   | < 5.0                     | < 5.0                     | 10                                |
| 3% Acetic Acid | 100°C for 2 Hours  | < 5.0   | < 5.0                     | < 5.0                     | 10                                |
| 95% Ethanol    | 60°C for 3.5 Hours | < 5.0   | < 5.0                     | < 5.0                     | 10                                |
| Iso-Octane     | 60°C for 1.5 Hours | < 5.0   | < 5.0                     | < 5.0                     | 10                                |

**Tested Item:**

- 1.Natural plastic
- 2.Moonlight 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)



**TEST REPORT**

NUMBER : DELH23002923-AI  
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**9. 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:** 100°C for 2 Hours

| Test Parameter  | Test Result (mg/kg)<br>(1 & 2) |                           |                           | 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.Natural plastic
- 2.Moonlight 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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**# END OF TEST REPORT #**

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NUMBER : DELH23002922-AD  
DATE : 06<sup>TH</sup> APRIL, 2023

**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:** POLKA CONTAINER SET 511-514-513 (3 PCS SET)

DATE RECEIVED : 11<sup>TH</sup> MAR, 2023  
TEST PERFORMANCE DATE : 11<sup>TH</sup> MAR, 2023 TO 05<sup>TH</sup> APRIL, 2023  
BUYER'S NAME : --  
BUYING AGENT/ CONTACT : --  
ORDER NO. : --  
BAR CODE : 8902084042612  
STYLE NO. : HSN CODE: 39241090  
COLOR : NATURAL AND INDIGO  
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, MICROWAVE SAFE TEST, AIR LEAKAGE 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 | <b>TOTAL LEAD CONTENT</b><br>(With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63)   | M      |
|                  | <b>TOTAL CADMIUM CONTENT</b><br>(With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 23)  | M      |
|                  | <b>BISPHENOL-A CONTENT</b><br>(By Solvent Extraction Followed By LC-MS/MS)   | M      |
|                  | <b>DISHWASHER SAFE TEST</b><br>(As Per Intertek In-House Test Method (M0001-V05))  | M      |
|                  | <b>FREEZER SAFE TEST</b><br>(As Per Intertek In-House Test Method(M0004-V03))  | M      |
|                  | <b>MICROWAVE SAFE TEST</b><br>As Per Intertek In-House Test Method (M0002-V02)   | M      |
|                  | <b>AIR LEAKAGE TEST</b><br>(As per client's specification)   | M      |
|                  | <b>OVERALL MIGRATION</b><br>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      |
|                  | <b>SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS)</b><br>(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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NUMBER : DELH23002922-AD  
DATE : 06<sup>TH</sup> APRIL, 2023

AUTHORIZED BY  
FOR INTERTEK INDIA PVT. LTD.

*Kamal Sardhana*

KAMAL SARDHANA  
ASST. MANAGER - HARDLINE

**Testing Remark:** Test results have been incorporated from report no. DELH23002922 as per applicant's request



**TEST REPORT**

NUMBER : DELH23002922-AD  
DATE : 06<sup>TH</sup> APRIL, 2023

**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 | <b>COMPLIES</b><br>Natural Plastic: <10 ppm<br>Indigo 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 | <b>COMPLIES</b><br>Natural Plastic: <10 ppm<br>Indigo 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)<br>(1 & 2)    | Requirement  |
|------------------|---------------------------------|--|
| Submitted Sample | <b>COMPLIES</b><br>Not Detected | Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA) |

Detection Limit: 0.1 ppm

**Tested Item:**

1. Natural plastic
2. Indigo 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: 05 Cycles

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

**Tested Item:** Natural plastic



**TEST REPORT**

NUMBER : DELH23002922-AD  
DATE : 06<sup>TH</sup> APRIL, 2023

**5. FREEZER SAFE TEST:**

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

**Test Condition:**

**Temperature of freezer:** -18°F

**Exposure period:** 24 Hours

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

**Tested Item:** Natural plastic

**6. MICROWAVE SAFE TEST:**

**Method:** As Per Intertek In-House Test Method (M0002-V02)

**No of cycles:** 06 Cycles

| Tested Sample    | Test Results / Observation  | Requirement  |
|------------------|---|--|
| Submitted Sample | (No any chipping, cracking, crazing or other change from the original state is rated as failure observed) | No any chipping, cracking, crazing or other change from the original state is rated as failure |

**Tested Item:** Natural plastic

**7. AIR LEAKAGE TEST:**

**Method:** As per client's specification

| Duration                    | Test Results   |                | Client's Requirement                  |
|-----------------------------|----------------|----------------|---------------------------------------|
|                             | A1             | A2             |                                       |
| DAY- 0                      | 107.032        | 108.043        | X < 0.10%<br>100% Air-Tight           |
| DAY- 1                      | 108.048        | 109.057        |                                       |
| DAY- 2                      | 109.071        | 110.061        |                                       |
| DAY- 3                      | 110.032        | 111.027        | 0.10% ≤ x ≤ 0.60%<br>Can be Air-Tight |
| DAY- 4                      | 111.027        | 112.048        |                                       |
| DAY- 5                      | 112.018        | 113.032        |                                       |
| <b>D5 – D0</b><br><b>D0</b> | 0.04%          | 0.04%          | X > 0.60% Not Air Tight               |
| <b>Rating</b>               | 100% Air-Tight | 100% Air-Tight | --                                    |

**Tested Item:** Natural plastic

: A1-As received sample

: A2- After dishwashing



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**8. 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> )<br>(1 & 2) |                           |                           | Requirement (mg/dm <sup>2</sup> ) |
|----------------|--------------------|---|---------------------------|---------------------------|-----------------------------------|
|                |                    | 1 <sup>st</sup> Migration                     | 2 <sup>nd</sup> Migration | 3 <sup>rd</sup> Migration |                                   |
| 10% Ethanol    | 100°C for 2 Hours  | < 5.0   | < 5.0                     | < 5.0                     | 10                                |
| 3% Acetic Acid | 100°C for 2 Hours  | < 5.0   | < 5.0                     | < 5.0                     | 10                                |
| 95% Ethanol    | 60°C for 3.5 Hours | < 5.0   | < 5.0                     | < 5.0                     | 10                                |
| Iso-Octane     | 60°C for 1.5 Hours | < 5.0   | < 5.0                     | < 5.0                     | 10                                |

**Tested Item:**

- 1.Natural plastic
- 2.Indigo 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)



**TEST REPORT**

NUMBER : DELH23002922-AD  
DATE : 06<sup>TH</sup> APRIL, 2023

**9. 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:** 100°C for 2 Hours

| Test Parameter  | Test Result (mg/kg)<br>(1 & 2) |                           |                           | 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.Natural plastic
- 2.Indigo 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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**# END OF TEST REPORT #**

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**TEST REPORT**

NUMBER : DELH23002636-AI  
DATE : 06<sup>TH</sup> APRIL, 2023



**TEST REPORT**

NUMBER : DELH23002636-AI  
DATE : 06<sup>TH</sup> APRIL, 2023

**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:** POLKA CONTAINER SET 511-514-513 (3 PCS SET)

DATE RECEIVED : 04<sup>TH</sup> MAR, 2023  
TEST PERFORMANCE DATE : 04<sup>TH</sup> MAR, 2023 TO 05<sup>TH</sup> APRIL, 2023  
BUYER'S NAME : --  
BUYING AGENT/ CONTACT : --  
ORDER NO. : --  
BAR CODE : 8902084042612  
STYLE NO. : HSN CODE: 39241090  
COLOR : BLUSH & NATURAL  
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, MICROWAVE SAFE TEST, AIR LEAKAGE 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 | <b>TOTAL LEAD CONTENT</b><br>(With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63)   | M      |
|                  | <b>TOTAL CADMIUM CONTENT</b><br>(With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 23)  | M      |
|                  | <b>BISPHENOL-A CONTENT</b><br>(By Solvent Extraction Followed By LC-MS/MS)   | M      |
|                  | <b>DISHWASHER SAFE TEST</b><br>(As Per Intertek In-House Test Method (M0001-V05))  | M      |
|                  | <b>FREEZER SAFE TEST</b><br>(As Per Intertek In-House Test Method(M0004-V03))  | M      |
|                  | <b>MICROWAVE SAFE TEST</b><br>As Per Intertek In-House Test Method (M0002-V02)   | M      |
|                  | <b>AIR LEAKAGE TEST</b><br>(As per client's specification)   | M      |
|                  | <b>OVERALL MIGRATION</b><br>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      |
|                  | <b>SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS)</b><br>(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.





**TEST REPORT**

NUMBER : DELH23002636-AI  
DATE : 06<sup>TH</sup> APRIL, 2023

AUTHORIZED BY  
FOR INTERTEK INDIA PVT. LTD.

*Kamal Sardhana*

KAMAL SARDHANA  
ASST. MANAGER - HARDLINE

**Testing Remark:** Test results have been incorporated from report no. DELH23002636 as per applicant's request.



**TEST REPORT**

NUMBER : DELH23002636-AI  
DATE : 06<sup>TH</sup> APRIL, 2023

**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 | <b>COMPLIES</b><br>Natural Plastic: <10 ppm<br>Blush 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 | <b>COMPLIES</b><br>Natural Plastic: <10 ppm<br>Blush 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)<br>(1 & 2)    | Requirement  |
|------------------|---------------------------------|--|
| Submitted Sample | <b>COMPLIES</b><br>Not Detected | Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA) |

Detection Limit: 0.1 ppm

**Tested Item:**

1. Natural plastic
2. Blush 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: 05 Cycles

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

**Tested Item:** Natural Container



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DATE : 06<sup>TH</sup> APRIL, 2023

**5. FREEZER SAFE TEST:**

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

**Test Condition:**

**Temperature of freezer:** -18°F

**Exposure period:** 24 Hours

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

**Tested Item:** Natural Container

**6. MICROWAVE SAFE TEST:**

**Method:** As Per Intertek In-House Test Method (M0002-V02)

**No of cycles:** 06 Cycles

| Tested Sample    | Test Results / Observation   | Requirement  |
|------------------|--|--|
| Submitted Sample | <b>COMPLIES</b><br>(No any chipping, cracking, crazing or other change from the original state is rated as failure observed) | No any chipping, cracking, crazing or other change from the original state is rated as failure |

**Tested Item:** Natural Container

**7. AIR LEAKAGE TEST:**

**Method:** As per client's specification

| Duration                    | Test Results   |                | Client's Requirement                  |
|-----------------------------|----------------|----------------|---------------------------------------|
|                             | A1             | A2             |                                       |
| DAY- 0                      | 289.037        | 290.048        | X < 0.10%<br>100% Air-Tight           |
| DAY- 1                      | 290.058        | 291.057        |                                       |
| DAY- 2                      | 291.041        | 292.032        |                                       |
| DAY- 3                      | 292.048        | 293.071        |                                       |
| DAY- 4                      | 293.066        | 294.063        |                                       |
| DAY- 5                      | 294.059        | 295.051        | 0.10% ≤ x ≤ 0.60%<br>Can be Air-Tight |
| <b>D5 – D0</b><br><b>D0</b> | 0.02%          | 0.02%          | X > 0.60% Not Air Tight               |
| <b>Rating</b>               | 100% Air-Tight | 100% Air-Tight | --                                    |

**Tested Item:** Natural Container

- : A1-As received sample
- : A2- After dishwashing



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**8.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> )<br>(1 & 2) |                           |                           | Requirement (mg/dm <sup>2</sup> ) |
|----------------|--------------------|---|---------------------------|---------------------------|-----------------------------------|
|                |                    | 1 <sup>st</sup> Migration                     | 2 <sup>nd</sup> Migration | 3 <sup>rd</sup> Migration |                                   |
| 10% Ethanol    | 100°C for 2 Hours  | < 5.0   | < 5.0                     | < 5.0                     | 10                                |
| 3% Acetic Acid | 100°C for 2 Hours  | < 5.0   | < 5.0                     | < 5.0                     | 10                                |
| 95% Ethanol    | 60°C for 3.5 Hours | < 5.0   | < 5.0                     | < 5.0                     | 10                                |
| Iso-Octane     | 60°C for 1.5 Hours | < 5.0   | < 5.0                     | < 5.0                     | 10                                |

**Tested Item:**

- 1.Natural plastic
- 2.Blush 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)



**TEST REPORT**

NUMBER : DELH23002636-AI  
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**9. 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:** 100°C for 2 Hours

| Test Parameter  | Test Result (mg/kg)<br>(1 & 2) |                           |                           | 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.Natural plastic
- 2.Blush 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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**# END OF TEST REPORT #**

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