

TEST REPORT

: DELH23002636-BG : 06TH APRIL, 2023 NUMBER DATE





TEST REPORT NUMBER : DELH23002636-BG 06TH APRIL, 2023 DATE

APPLICANT: ALL TIME PLASTICS PVT. LTD.

PLOT NO. 377/1 (1&2) & 371/1(C), KACHIGAM CHAR RASTA,

BEHIND STONE QUARRY, DAMÁN (U.T.) 396210

ATTN: **ZARIR PATEL**

SAMPLE DESCRIPTION: SOUP STRAINER 6 (14.5 CM) (ASSORTED)

DATE RECEIVED 04TH MAR, 2023

TEST PERFORMANCE DATE 04TH MAR, 2023 TO 05TH APRIL, 2023

BUYER'S NAME BUYING AGENT/ CONTACT ORDER NO.

BAR CODE 8902084000513 STYLE NO. HSN CODE: 39241090 **BLUSH & NATURAL COLOR**

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, **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 |
|------------------|---|--------|
| | TOTAL LEAD CONTENT (With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63) | М |
| | TOTAL CADMIUM CONTENT (With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 23) | М |
| SUBMITTED SAMPLE | BISPHENOL-A CONTENT (By Solvent Extraction Followed By LC-MS/MS) | М |
| SUBMITTED SAMPLE | DISHWASHER SAFE TEST (As Per Intertek In-House Test Method (M0001-V05)) | М |
| | 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) | М |
| | 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.) | М |

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.





AUTHORIZED BY FOR INTERTEK INDIA PVT. LTD.

KAMAL SARDHANA

ASST. MANAGER - HARDLINE

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





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 | sted Component Test Result (ppm) | |
|------------------|----------------------------------|---------|
| | COMPLIES | |
| Submitted Sample | Natural Plastic: <10 ppm | 500 ppm |
| | Blush Plastic: <10 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 |
|------------------|--------------------------|-------------|
| | COMPLIES | |
| Submitted Sample | Natural Plastic: <10 ppm | 100 ppm |
| · | Blush Plastic: <10 ppm | |

Detection Limit: 10 ppm

3.BISPHENOL-A CONTENT:

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

| Tested Sample | Test Result (ppm) (1 & 2) | Requirement |
|--------------------------|------------------------------|--|
| Code weith and Community | COMPLIES | Shall Not Contain Any Detectable Levels of |
| Submitted Sample | Not Detected | 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 | COMPLIES | Shall not show any chipping, cracking, glaze crazing |
| | (No visual change observed) | or other visual change in appearance. |

(n)



5.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/dm²) (1 & 2) | | | Requirement (mg/dm²) |
|----------------|--------------------|----------------------------------|---------------------------|---------------------------|----------------------|
| | | 1 st Migration | 2 nd Migration | 3 rd Migration | 1 |
| 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)

6.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) (1 & 2) | | Requirement (mg/kg) |
|-----------------|---------------|--------------------------------|---------------------------|---------------------|
| | 1st Migration | 2 nd Migration | 3 rd 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 | |
| Gadolinium (Gd) | <0.01 | <0.01 | <0.01 | |
| Lanthanum (La) | <0.01 | <0.01 | <0.01 | 0.05 (Sum) |
| Terbium (Tb) | <0.01 | <0.01 | <0.01 | |

Tested Item:

1.Natural plastic

2.Blush plastic



Tel: 0124-4503400,



Note:

Result of 3rd migration < SML, and Result of 1st migration ≥ 2rd migration ≥ 3rd migration after consideration of result uncertainty. Result of 1st, 2rd and 3rd migration < SML when SML limit is Not Detected (ND)

END OF TEST REPORT

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TEST REPORT

NUMBER : DELH23002922-AU DATE : 06TH 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: SOUP STRAINER 6 (14.5 CM) (ASSORTED)

DATE RECEIVED : 11TH MAR, 2023

TEST PERFORMANCE DATE : 11TH MAR, 2023 TO 05TH APRIL, 2023

BUYER'S NAME : -BUYING AGENT/ CONTACT : -ORDER NO. : --

BAR CODE : 8902084000513 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, 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 |
|------------------|---|--------|
| | TOTAL LEAD CONTENT (With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63) | М |
| | TOTAL CADMIUM CONTENT (With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 23) | М |
| SUBMITTED SAMPLE | BISPHENOL-A CONTENT (By Solvent Extraction Followed By LC-MS/MS) | М |
| SOBMITTED SAMPLE | DISHWASHER SAFE TEST (As Per Intertek In-House Test Method (M0001-V05)) | М |
| | 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) | М |
| | 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.) | М |

NOTE: M = MEET F = DO NOT MEET REQUIREMENT

REQUIREMENT

= NO N/A = NOT APPLICABLE

SPECIFIED REQUIREMENT

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.



New Delhi -110044.

Tel: 0124-4503400, Fax: 0124-4303592 www.Intertek.com



AUTHORIZED BY FOR INTERTEK INDIA PVT. LTD.

KAMAL SARDHANA

ASST. MANAGER - HARDLINE

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





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

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|--|--------------------------|-------------|--|
| Tested Component | Test Result (ppm) | Requirement | |
| | COMPLIES | | |
| Submitted Sample | Natural Plastic: <10 ppm | 500 ppm | |
| | Indigo Plastic: <10 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 |
|------------------|--------------------------|-------------|
| | COMPLIES | |
| Submitted Sample | Natural Plastic: <10 ppm | 100 ppm |
| | Indigo Plastic: <10 ppm | |

Detection Limit: 10 ppm

3.BISPHENOL-A CONTENT:

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

| Tested Sample | Test Result (ppm) (1 & 2) | Requirement |
|------------------------|------------------------------|--|
| Culturalities Communic | COMPLIES | Shall Not Contain Any Detectable Levels of |
| Submitted Sample | Not Detected | 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 | COMPLIES | Shall not show any chipping, cracking, glaze crazing |
| Submitted Sample | (No visual change observed) | or other visual change in appearance. |

Tested Item: Natural plastic



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5.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/dm²) (1 & 2) | | | Requirement (mg/dm²) | |
|----------------|--------------------|----------------------------------|---------------------------|---------------------------|----------------------|--|
| | | 1 st Migration | 2 nd Migration | 3 rd 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)

6.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) (1 & 2) | | | |
|-----------------|---------------------------|--------------------------------|---------------------------|------------|--|
| | 1 st Migration | 2 nd Migration | 3 rd 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 | | |
| Gadolinium (Gd) | <0.01 | <0.01 | <0.01 | | |
| Lanthanum (La) | <0.01 | <0.01 | <0.01 | 0.05 (Sum) | |
| Terbium (Tb) | <0.01 | <0.01 | <0.01 | | |

Tested Item:

1.Natural plastic

2.Indigo plastic



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Note:

Result of 3rd migration < SML, and Result of 1st migration ≥ 2rd migration ≥ 3rd migration after consideration of result uncertainty. Result of 1st, 2rd and 3rd migration < SML when SML limit is Not Detected (ND)

END OF TEST REPORT

This report is made solely based on your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis, and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or willful misconduct.

(N)









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: SOUP STRAINER 6 (14.5 CM) (ASSORTED)

DATE RECEIVED : 11TH MAR, 2023

TEST PERFORMANCE DATE : 11TH MAR, 2023 TO 15TH MAR, 2023

BUYER'S NAME : --BUYING AGENT/ CONTACT : --

ORDER NO. : -BAR CODE: : 8902084000513
STYLE NO. : HSN CODE: 39241090

COLOR : WHITE

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, 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 | |
|------------------|---|--------|--|
| | TOTAL LEAD CONTENT | | |
| | (With Reference to Regulation (EC) No.1907/2006 (REACH) And Its | M | |
| | Amendments, Annex XVII, Entry 63) | | |
| | TOTAL CADMIUM CONTENT | | |
| | (With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its | M | |
| - | Amendments, Annex XVII, Entry 23) | | |
| | 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 | |
| SUBMITTED SAMPLE | FREEZER SAFE TEST | | |
| | (As Per Intertek In-House Test Method(M0004-V03)) | M | |
| 1 | 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 | M | |
| | to Come into Contact with Food) | | |
| 1 | SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS) | | |
| | (As Per European Commission Regulation (EC) No.1935/2004 and (EU) | NA. | |
| | No.10/2011, EU 2020/1245- On Plastic Materials and Articles Intended to | М | |
| | Come into Contact with Food.) | | |

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.

(N)



AUTHORIZED BY

FOR INTERTEK INDIA PVT. LTD.

KAMAL SARDHANA

ASST. MANAGER - HARDLINE

Testing Remark: Test results have been incorporated from report no. DELH23002928 as per applicant's request.





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 | 500 ppm |
| Submitted Sample | Transparent + White plastic: <10 ppm | эоо ррш |

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 | 100 ppm |
| Submitted Sample | Transparent + white plastic: <10 ppm | Ιου ρριτι |

Detection Limit: 10 ppm

3.BISPHENOL-A CONTENT:

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

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

Detection Limit: 0.1 ppm

Tested Item: Transparent + white 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 | COMPLIES | Shall not show any chipping, cracking, glaze crazing |
| | (No visual change observed) | or other visual change in appearance. |



New Delhi -110044.



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 |
|------------------|---|--------------------------------------|
| | COMPLIES | No discoloration, cracking, crazing, |
| Submitted Sample | (No discoloration, cracking, crazing, chipping, permanent | chipping, permanent deformation, |
| | deformation observed & No functionality loss observed) | No functionality loss |

6.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/dm²) Test Condition (1 & 2) | | n²) | Requirement |
|----------------|--------------------|--|---------------------------|---------------------------|-------------|
| | | 1st Migration | 2 nd Migration | 3 rd Migration | (mg/dm²) |
| 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.Transparent Plastic

2.White 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)





NUMBER : DELH23002928-R **TEST REPORT** 20TH MAR, 2023 DATE

7.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) (1 & 2) | | | |
|-----------------|---------------------------|--------------------------------|---------------------------|------------|--|
| | 1 st Migration | 2 nd Migration | 3 rd 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 | | |
| Gadolinium (Gd) | <0.01 | <0.01 | <0.01 | | |
| Lanthanum (La) | <0.01 | <0.01 | <0.01 | 0.05 (Sum) | |
| Terbium (Tb) | <0.01 | <0.01 | <0.01 | | |

Tested Item:

1.Transparent Plastic

2.White Plastic

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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