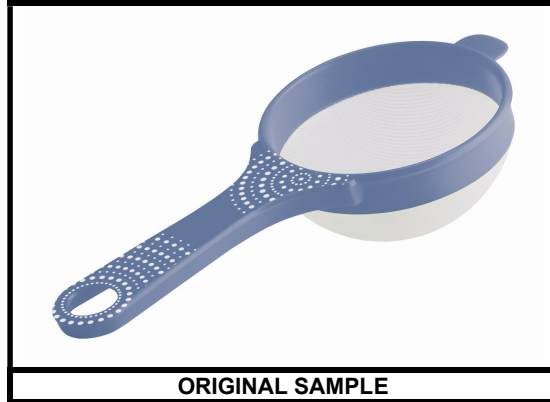


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**TEST REPORT**

NUMBER : DELH23002487-AX  
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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. DELH23002487 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 | <b>COMPLIES</b><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>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)               | 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:** 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: 10 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. |



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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/dm <sup>2</sup> ) | Requirement (mg/dm <sup>2</sup> ) |
|----------------|---------------------|------------------------------------|-----------------------------------|
| 10% Ethanol    | 70°C for 2 Hours    | < 5.0                              | 10                                |
| 3% Acetic Acid | 70°C for 2 Hours    | < 5.0                              | 10                                |
| 95% Ethanol    | 60°C for 2 Hours    | < 5.0                              | 10                                |
| Iso-Octane     | 40°C for 30 Minutes | < 5.0                              | 10                                |

**Tested Item:** Moonlight Plastic

**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:** 70°C for 2 Hours

| Test Parameter  | Test Result (mg/kg)       |                           |                           | 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:** 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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