

**TEST REPORT**



**ORIGINAL SAMPLE**



**TEST REPORT**

DATE : 15<sup>TH</sup> SEP, 2021  
REV. DATE: 25<sup>TH</sup> NOV, 2021

**APPLICANT: ALL TIME PLASTICS PVT.LTD.**  
PLOT NO. 377/1/1&2), KACHIGAM, CHAR RASTA, DAMAN - 396210

**ATTN: ZARIR PATEL**

SAMPLE DESCRIPTION: : LOCK & SAFE CONTAINER 500H (500 ML) (ASSORTED)

DATE RECEIVED : 25<sup>TH</sup> JULY, 2021  
BUYER'S NAME : --  
BUYING AGENT/ CONTACT : --  
ITEM CODE : 408368-64  
HSN CODE : 39241090  
BARCODE : 8902084016712  
COLOR : --  
END USE : --  
COUNTRY OF ORIGIN : --  
COUNTRY OF DESTINATION : --  
MANUFACTURER'S NAME : ALL TIME PLASTICS PVT. LTD.

**TESTS CONDUCTED:** AS PER THE REQUEST BY THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGE (S).

**CONCLUSION:**

| TESTED SAMPLE           | STANDARD   | RESULT   |
|-------------------------|--|----------|
| <b>SUBMITTED SAMPLE</b> | <b>TOTAL LEAD CONTENT</b><br>(WITH REFERENE TO REGULATION (EC) NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 63) | <b>M</b> |
|                         | <b>TOTAL CADMIUM CONTENT</b><br>(AS PER EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23)                     | <b>M</b> |
|                         | <b>BISPHENOL-A CONTENT TEST</b><br>(BY SOLVENT EXTRACTION FOLLOWED BY LC-MS / MS)  | <b>M</b> |
|                         | <b>OVERALL MIGRATION</b><br>(IS 9845)  | <b>M</b> |
|                         | <b>SPECIFIC MIGRATION OF HEAVY METALS</b><br>(IS 9845)   | <b>M</b> |
|                         | <b>SPECIFIC MIGRATION OF PHTHALATES</b><br>(SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS)                                    | <b>M</b> |
|                         | <b>VOLATILE ORGANIC MATTER (VOM)</b><br>(TEST METHOD: INHOUSE TEST METHOD)   | <b>#</b> |
|                         | <b>DISHWASHER SAFE TEST</b><br>(AS PER IN-HOUSE TEST METHOD)   | <b>M</b> |
|                         | <b>MICROWAVE SAFE TEST</b><br>(IN-HOUSE TEST METHOD)   | <b>M</b> |
|                         | <b>FREEZER SAFE TEST</b><br>(IN-HOUSE TEST METHOD)   | <b>M</b> |



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|  |   |          |
|--|---|----------|
|  | <b>LEAKAGE TEST</b><br>(IN-HOUSE TEST METHOD)   | <b>M</b> |
|  | <b>AIR TIGHT TEST</b><br>(IN-HOUSE TEST METHOD) |          |

NOTE: M = MEET CLIENT'S REQUIREMENT  
# = NO SPECIFIED REQUIREMENT

F = BELOW CLIENT'S REQUIREMENT  
N/A = NOT APPLICABLE

REMARK: AS PER SUPPLIER DECLARATION SAME MATERIAL HAS BEEN USED & TESTED IN REPORT NO. DELH21009908, HENCE TEST RESULT HAS BEEN REFERRED FROM THE SAME REPORT.

REVISION REMARK: TEST REPORT HAS BEEN REVISE TO ADD AIR TIGHT TEST AS PER APPLICANT'S REQUEST.

FOR INTERTEK INDIA PVT. LTD



SANJAY SADANA  
TECHNICAL MANAGER – HARDLINE

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DATE : 15<sup>TH</sup> SEP, 2021  
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**TEST CONDUCTED:**

**1. TOTAL LEAD CONTENT IN SUBSTRATE**

TEST REGULATION: WITH REFERENCE TO EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 63

TEST METHOD: ANALYSIS WAS PERFORMED BY ICP-MS/AAS

| <u>TESTED SAMPLE</u> | <u>RESULT (ppm)</u>                  | <u>CLIENT'S REQUIREMENT</u> |
|----------------------|--------------------------------------|-----------------------------|
| SUBMITTED SAMPLE     | Transparent plastic + gasket: <10ppm | < 500 ppm                   |

**REMARK:** ND = NOT DETECTED  
DETECTION LIMIT = 10 PPM  
\*REQUIREMENT IS REFERED FROM REACH ANNEX XVII, ENTRY 63

**2. TOTAL CADMIUM CONTENT IN SUBSTRATE**

TEST REGULATION: EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23

TEST METHOD: WITH REF. TO EN112-ANALYSIS WAS PERFORMED BY ICP-MS/AAS

| <u>TESTED SAMPLE</u> | <u>RESULT (ppm)</u>                  | <u>CLIENT'S REQUIREMENT</u> |
|----------------------|--------------------------------------|-----------------------------|
| SUBMITTED SAMPLE     | Transparent plastic + gasket: <10ppm | <100 ppm                    |

**REMARK:** ND = NOT DETECTED  
DETECTION LIMIT = 10 PPM  
\*REQUIREMENT IS REFERED FROM REACH ANNEX XVII, ENTRY 23

**3. BISPHENOL-A CONTENT TEST:**

(BY SOLVENT EXTRACTION FOLLOWED BY LC-MS / MS)

| <u>TESTED COMPONENT</u> | <u>RESULTS</u>                                      | <u>CLIENT'S REQUIREMENT</u>                                  |
|-------------------------|---|--|
| SUBMITTED SAMPLE        | <b>COMPLIES</b><br>Transparent plastic + gasket: ND | SHALL NOT CONTAIN ANY DETECTABLE LEVELS OF BISPHENOL A (BPA) |

DETECTION LIMIT: 0.1 PPM



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**4. OVERALL MIGRATION TEST:**

TEST METHOD: IS 9845

**TEST CONDITIONS AND RESULTS:**

| MATERIAL PUT INTO CONTACT | SIMULANT USED   | TEST CONDITION     | RESULT IN (mg/dm <sup>2</sup> ) | MAX. LIMIT (mg/dm <sup>2</sup> ) |
|---------------------------|-----------------|--------------------|---------------------------------|----------------------------------|
|                           |                 |                    | [1]                             |                                  |
| SUBMITTED SAMPLE          | DISTILLED WATER | 100°C FOR 02 HOURS | <5                              | <10                              |
|                           | 3% ACITIC ACID  | 100°C FOR 02 HOURS | <5                              | <10                              |
|                           | N-HEPTANE       | 49°C FOR 30 MIN.   | <5                              | <10                              |

**REMARK:** <= LESS THAN  
RESULTS ARE GIVEN IN mg/dm<sup>2</sup>= Milligram per decimeter square

**TESTED COMPONENT:**

1. TRANSPARENT PLASTIC PART OF LOCK CONTAINER

**5. SPECIFIC MIGRATION OF HEAVY METALS TEST:**

TEST METHOD: IS 9845

TEST CONDITION: 3% ACITIC ACID AT 100°C FOR 02 HOUR.

| ELEMENT        | RESULTS (mg/kg) | MAX. PERMISSIBLE LIMIT (mg/kg) |
|----------------|-----------------|--------------------------------|
|                | [1]             |                                |
| Barium (Ba)    | <0.1            | 1.0                            |
| Cobalt (Co)    | <0.01           | 0.10                           |
| Copper (Cu)    | <1.0            | 5.0                            |
| Iron (Fe)      | <5.0            | 48.0                           |
| Lithium (Li)   | <0.1            | 0.6                            |
| Manganese (Mn) | <0.1            | 0.6                            |
| Zinc (Zn)      | <1.0            | 25.0                           |
| Antimony (Sb)  | <0.02           | 0.04                           |

< = LESS THAN  
mg/kg = MILLIGRAM PER KILOGRAM

**TESTED COMPONENT:**

1. TRANSPARENT PLASTIC PART OF LOCK CONTAINER



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**6. SPECIFIC MIGRATION OF PHTHALATE:**  
SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS

TEST RESULT:  
TEST CONDITION: 3% ACITIC ACID AT 100°C FOR 02 HOUR.

| TESTED COMPONENTS              | RESULT (PPM) |
|--------------------------------|--------------|
|                                | [1, 2]       |
| DIBUTYL PHTHALATE (DBP)        | ND           |
| DIETHYL HEXYL PHTHALATE (DEHP) | ND           |
| BENZYL BUTYL PHTHALATE (BBP)   | ND           |
| DI-ISO-NONYL PHTHALATE (DINP)  | ND           |
| DI-N-OCTYL PHTHALATE (DnOP)    | ND           |
| DI-ISO-DECYL PHTHALATE (DIDP)  | ND           |

Limit: Individual Less than 0.1% (1000 ppm)

**TESTED COMPONENT:**

1. TRANSPARENT BODY
2. GASKET

**7. VOLATILE ORGANIC MATTER (VOM):**  
(TEST METHOD: INHOUSE TEST METHOD)

| TESTED SAMPLE    | OBSERVATION   | CLIENT'S REQUIREMENT |
|------------------|---------------|----------------------|
| SUBMITTED SAMPLE | GASKET: 1.51% | NOT PROVIDED         |

**8. DISHWASHER SAFE TEST:**  
REFERENCE: IN-HOUSE TEST METHOD

TESTING CONDITIONS:

- (1) SELECTED CYCLE: NORMAL
- (2) CYCLE DURATION: 120 MINUTES (APROX.)
- (3) TEMPERATURE CONDITION: 60°C (APROX.)
- (4) DETERGENT USED: CASCADE
- (5) NO. OF CYCLES: 10 CYCLES

| TESTED SAMPLE    | 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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**9. MICROWAVE SAFE TEST:**  
(IN-HOUSE TEST METHOD)

MICROWAVE SAFE EVALUATION:

| TESTED SAMPLE    | OBSERVATION     | REQUIREMENT  |
|------------------|-----------------|--|
| SUBMITTED SAMPLE | <b>COMPLIES</b> | SHALL NOT SHOW ANY CRACKING/CRAZING, MELTING, DEFORMATION OR OTHER UNUSUAL CHANGES.<br>TEMPERATURE OF HANDLE OR SURFACE SHALL NOT EXCEED THE FOLLOWING LIMITS.<br>Ceramic, Glass-Ceramic or Glass: 56°C<br>Plastic: 60°C |

**10. FREEZER SAFE TEST:**  
(IN-HOUSE TEST METHOD)

**TESTING CONDITIONS:**

- (1) FREEZER TEMPERATURE: -18°C
- (2) FREEZER EXPOSED PERIOD: 24 HOURS

| TESTED SAMPLE    | OBSERVATION | REQUIREMENT                                 |
|------------------|-------------|---|
| SUBMITTED SAMPLE | COMPLIES    | SHALL NOT SHOW ANY CRACK/DAMAGE/DEFORMATION |

**11. LEAKAGE TEST:**  
REFERENCE: IN-HOUSE TEST METHOD WITH WATER

| TESTED COMPONENT | OBSERVATION                       | REQUIREMENT                |
|------------------|-----------------------------------|----------------------------|
| SUBMITTED SAMPLE | COMPLIES<br>(NO LEAKAGE OBSERVED) | SHALL NOT SHOW ANY LEAKAGE |



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**12. AIR TIGHT TEST:**  
(IN-HOUSE TEST METHOD)

| <u>DURATION</u>                           | <u>SAMPLE AS RECIVED</u> | <u>SAMPLE AFTER FIRST WASH</u> | <u>REQUIREMENT</u> |
|---|--------------------------|--------------------------------|--------------------|
| DAY- 0                                    | 103.9736                 | 104.056                        | <0.10%             |
| DAY- 1                                    | 103.9941                 | 104.0778                       |                    |
| DAY- 2                                    | 104.0159                 | 104.1025                       |                    |
| DAY- 3                                    | 104.0328                 | 104.1259                       |                    |
| DAY- 4                                    | 104.0514                 | 104.1499                       |                    |
| DAY- 5                                    | 104.0765                 | 104.1704                       |                    |
| <b><u>D5 - DO</u></b><br><b><u>DO</u></b> | 0.00098                  | 0.0010                         |                    |

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**# END OF TEST REPORT #**

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