

TEST REPORT



ORIGINAL SAMPLE

TEST REPORT

DATE : 15TH SEP, 2021
REV. DATE: 25TH 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 1000V (1000 ML) (ASSORTED)

DATE RECEIVED : 25TH JULY, 2021
BUYER'S NAME : --
BUYING AGENT/ CONTACT : --
ITEM CODE : 408356-36
HSN CODE : 39241090
BARCODE : 8902084016613
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 |
|-------------------------|--|----------|
| SUBMITTED SAMPLE | TOTAL LEAD CONTENT (WITH REFERENE TO REGULATION (EC) NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 63) | M |
| | TOTAL CADMIUM CONTENT (AS PER EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23) | M |
| | BISPHENOL-A CONTENT TEST (BY SOLVENT EXTRACTION FOLLOWED BY LC-MS / MS) | M |
| | OVERALL MIGRATION (IS 9845) | M |
| | SPECIFIC MIGRATION OF HEAVY METALS (IS 9845) | M |
| | SPECIFIC MIGRATION OF PHTHALATES (SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS) | M |
| | VOLATILE ORGANIC MATTER (VOM) (TEST METHOD: INHOUSE TEST METHOD) | # |
| | DISHWASHER SAFE TEST (AS PER IN-HOUSE TEST METHOD) | M |
| | MICROWAVE SAFE TEST (IN-HOUSE TEST METHOD) | M |
| | FREEZER SAFE TEST (IN-HOUSE TEST METHOD) | M |



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| | | |
|--|---|----------|
| | LEAKAGE TEST (IN-HOUSE TEST METHOD) | M |
| | AIR TIGHT TEST (IN-HOUSE TEST METHOD) | M |

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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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 | COMPLIES 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 ²) | MAX. LIMIT (mg/dm ²) |
|---------------------------|-----------------|--------------------|---------------------------------|----------------------------------|
| | | | [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/dm²= 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 | COMPLIES 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 | COMPLIES | SHALL NOT SHOW ANY CRACKING/CRAZING, MELTING, DEFORMATION OR OTHER UNUSUAL CHANGES. TEMPERATURE OF HANDLE OR SURFACE SHALL NOT EXCEED THE FOLLOWING LIMITS. Ceramic, Glass-Ceramic or Glass: 56°C 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 (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 | |
| <u>D5 - DO</u> <u>DO</u> | 0.00098 | 0.0010 | |

END OF TEST REPORT

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