

**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 350H (350 ML) (ASSORTED)

DATE RECEIVED : 25<sup>TH</sup> JULY, 2021  
BUYER'S NAME :  
BUYING AGENT/ CONTACT : --  
ITEM CODE : 408363-88  
HSN CODE : 39241090  
BARCODE : 8902084016811  
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> (WITH REFERENE TO REGULATION (EC) NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 63)	<b>M</b>
	<b>TOTAL CADMIUM CONTENT</b> (AS PER EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23)	<b>M</b>
	<b>BISPHENOL-A CONTENT TEST</b> (BY SOLVENT EXTRACTION FOLLOWED BY LC-MS / MS)	<b>M</b>
	<b>OVERALL MIGRATION</b> (IS 9845)	<b>M</b>
	<b>SPECIFIC MIGRATION OF HEAVY METALS</b> (IS 9845)	<b>M</b>
	<b>SPECIFIC MIGRATION OF PHTHALATES</b> (SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS)	<b>M</b>
	<b>VOLATILE ORGANIC MATTER (VOM)</b> (TEST METHOD: INHOUSE TEST METHOD)	<b>#</b>
	<b>DISHWASHER SAFE TEST</b> (AS PER IN-HOUSE TEST METHOD)	<b>M</b>
	<b>MICROWAVE SAFE TEST</b> (IN-HOUSE TEST METHOD)	<b>M</b>
	<b>FREEZER SAFE TEST</b> (IN-HOUSE TEST METHOD)	<b>M</b>



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

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	<b>COMPLIES</b> 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> 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. 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	
<b><u>D5 - DO</u></b> <b><u>DO</u></b>	0.00098	0.0010	

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**# END OF TEST REPORT #**

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