

TEST REPORT

NUMBER : DELH23006713
DATE : 30TH MAY, 2023
REV. DATE : 28TH JUNE, 2023



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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: LOCK & SAFE 800H X 1, 180H X 1 (980 ML) (ASSORTED) (2 PC SET)

DATE RECEIVED : 18TH MAY, 2023
TEST PERFORMANCE DATE : 18TH MAY, 2023 TO 30TH MAY, 2023
BUYER'S NAME : --
BUYING AGENT/ CONTACT : --
ORDER NO. : --
BAR CODE : 8902084014763
STYLE NO. : HSN CODE: 39241090
COLOR : TRANSPARENT LID & BOTTOM IN MINT
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, MICROWAVE SAFE TEST, AIR LEAKAGE TEST, LEAK PROOFNESS TEST, OVERALL MIGRATION, SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS), VOLATILE ORGANIC MATTER (VOM)
FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGE (S).

CONCLUSION:

TESTED SAMPLE	TEST PARAMETERS/STANDARD	RESULT
SUBMITTED SAMPLE	TOTAL LEAD CONTENT (With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63)	M
	TOTAL CADMIUM CONTENT (With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 23)	M
	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
	FREEZER SAFE TEST (As Per Intertek In-House Test Method(M0004-V03))	M
	MICROWAVE SAFE TEST As Per Intertek In-House Test Method (M0002-V02)	M
	AIR LEAKAGE TEST (As per Intertek In-House Test Method)	M
	LEAK PROOFNESS TEST (As Per Intertek In-House Test Method)	#
	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)	M
	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.)	M
	VOLATILE ORGANIC MATTER (VOM) (With Reference To (EC) No 1935/2004)	M

NOTE: M = MEET REQUIREMENT
= NO SPECIFIED REQUIREMENT

F = DO NOT MEET REQUIREMENT
N/A = NOT APPLICABLE



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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

KAMAL SARDHANA
ASST. MANAGER - HARDLINE



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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	COMPLIES Natural Plastic: <10 ppm Silicon Gasket: <10 ppm Mint 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	COMPLIES Natural Plastic: <10 ppm Silicon Gasket: <10 ppm Mint 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) (1,2 & 3)	Requirement
Submitted Sample	COMPLIES Not Detected	Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

Tested Item:

1. Natural plastic
2. Silicon gasket
3. Mint 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	COMPLIES (No visual change observed)	Shall not show any chipping, cracking, glaze crazing or other visual change in appearance.

Note: Sample was subcontracted and tested in Intertek's approved laboratory.



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

6. MICROWAVE SAFE TEST:

Method: As Per Intertek In-House Test Method (M0002-V02)

No of cycles: 06 Cycles

Tested Sample	Test Results / Observation	Requirement
Submitted Sample	COMPLIES (No any chipping, cracking, crazing or other change from the original state is rated as failure observed)	No any chipping, cracking, crazing or other change from the original state is rated as failure

7. LEAK PROOFNESS TEST

Method: (As Per Intertek In-House Test Method)

Tested Sample	Test Results / Observation	Requirement
Submitted Sample	(No leakage observed on sample)	/

8. AIR LEAKAGE TEST:

Method: (As Per Intertek In-House Test Method)

Duration	Test Results				Client's Requirement
	1		2		
	A1	A2	A1	A2	
DAY- 0	163.4243	167.4176	95.8119	101.5169	X < 0.10% 100% Air-Tight
DAY- 1	163.9126	167.9126	96.2179	102.2312	
DAY- 2	164.4621	168.2416	97.2318	103.3129	
DAY- 3	164.9263	168.9621	98.8010	104.2169	
DAY- 4	164.4612	169.2316	98.9012	104.9126	
DAY- 5	165.9216	169.9621	99.9001	105.8125	0.10% ≤ x ≤ 0.60% Can be Air-Tight
D5 – D0 D0	0.018%	0.015%	0.042%	0.042%	X > 0.60% Not Air Tight
Rating	100% Air-Tight	100% Air-Tight	100% Air-Tight	100% Air-Tight	--

Tested Item:

- 1.Sample-A
- 2.Sample-B

A1-As received sample
A2- After 1 cycle dishwashing



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9. 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 ²) (1 & 2)			Requirement (mg/dm ²)
		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:

- Transparent plastic
- Mint 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)

10. 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)
	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	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:

- Transparent plastic
- Mint plastic



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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)

11. VOLATILE ORGANIC MATTER (VOM):

With Reference To (EC) No 1935/2004.

Method: In House Test Method

Test Condition: 200°C for 4 Hours

Tested Sample	Test Result (%)	Requirement (%)
Submitted Sample	0.33	<0.5

Tested Item: Silicone Gasket

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.

