TEST REPORT

NUMBER : DELH23006358-AC
DATE : 20TH MAY, 2024

ORIGINAL SAMPLE

Intertek India Pvt. Ltd. 290, Udyog Vihar, Phase-II, Gurgaon, Haryana –122016.
Registered Office : E-20, Block B-1, Mohan
Co-Operative Industrial Area, Mathura Road,
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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: : Prism Square Container Set (160H X 4) (640 Ml) (Assorted) (4 Pc Set)

DATE RECEIVED	:	11TH APR, 2024
TEST PERFORMANCE DATE	:	11TH APR, 2024 TO 17TH MAY, 2024
BUYER'S NAME	:	--
BUYING AGENT/ CONTACT	:	--
ORDER NO.	:	--
BAR CODE	:	8902084022003
STYLE NO.	:	HSN CODE: 39241090
COLOR	:	Assorted
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, OVERALL MIGRATION, SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS)
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 Method)	M
	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

NOTE: M = MEET REQUIREMENT F = DO NOT MEET REQUIREMENT
= NO SPECIFIED REQUIREMENT N/A = NOT APPLICABLE

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.

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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. DELH23006359-REV1 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	COMPLIES Lilac Plastic: <10ppm Green Plastic: <10 ppm Yellow 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 Lilac Plastic: <10ppm Green Plastic: <10 ppm Yellow 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.Lilac Plastic
2.Green Plastic
3.Yellow Plastic

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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.

Tested Item:
1.Plastic Container

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

Tested Item:
1.Plastic Container

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

Tested Item:
1.Plastic Container

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7.AIR LEAKAGE TEST:

Method: As per Intertek In-House Test Method

Duration	Test Results		Client's Requirement
	A1	A2	
DAY- 0	75.921	77.212	X < 0.10% 100% Air-Tight 0.10% ≤ x ≤0.60% Can be Air-Tight X > 0.60% Not Air Tight
DAY- 1	75.933	77.223	
DAY- 2	75.941	77.231	
DAY- 3	75.952	77.242	
DAY- 4	75.961	77.254	
DAY- 5	75.973	77.259	
$\frac{D5 - D0}{D0}$	0.06%	0.06%	
Rating	100% Air-Tight	100% Air-Tight	--

Tested Item:
A1-As received sample
A2- After dishwashing

8.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/dm²) ((1,2,& 3)			Requirement (mg/dm²)
		1st Migration	2nd Migration	3rd Migration	
10% Ethanol	40° C for 10 Days	< 5.0	< 5.0	< 5.0	10
3% Acetic Acid	40° C for 10 Days	< 5.0	< 5.0	< 5.0	10
95% Ethanol	40° C for 10 Days	< 5.0	< 5.0	< 5.0	10
Iso-Octane	20° C for 2 Days	< 5.0	< 5.0	< 5.0	10

Tested Item:
1.Lilac Plastic
2.Green Plastic
3.Yellow 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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9.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: 40° C for 10 Days

Test Parameter	Test Result (mg/kg) (1, 2 & 3)			Requirement (mg/kg)
	1st Migration	2nd Migration	3rd 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:

1.Lilac Plastic
2.Green Plastic
3.Yellow 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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