

TEST REPORT

NUMBER : DELH23006358-F
DATE : 27TH AUGUST, 2023



TEST REPORT

NUMBER : DELH23006358-F
DATE : 27TH AUGUST, 2023

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 (600H X 3) (1800 ML) (ASSORTED) (3 PC SET)

DATE RECEIVED : 10TH MAY, 2023
TEST PERFORMANCE DATE : 10TH MAY, 2023 TO 21ST JUNE, 2023
BUYER'S NAME : --
BUYING AGENT/ CONTACT : --
ORDER NO. : --
BAR CODE : 8902084015852
STYLE NO. : HSN CODE: 39241090
COLOR : AQUIFER
END USE : FOOD STORAGE
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, 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:

- Statement of conformity is based on the Simple acceptance rule without using measurement uncertainty.
- 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 Aquifer Plastic: <10 ppm Transparent 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 Aquifer Plastic: <10 ppm Transparent 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)	Requirement
Submitted Sample	COMPLIES Not Detected	Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

Tested Item:

- 1.Aquifer Plastic: <10 ppm
- 2.Transparent Plastic: <10 ppm



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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	(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		Requirement
	A1	A2	
DAY- 0	75.921	77.212	X < 0.10% 100% Air-Tight
DAY- 1	75.933	77.223	
DAY- 2	75.941	77.231	
DAY- 3	75.952	77.242	0.10% ≤ x ≤ 0.60% Can be Air-Tight
DAY- 4	75.961	77.254	
DAY- 5	75.973	77.259	
D5 – D0 D0	0.06%	0.06%	X > 0.60% Not Air-tight
Rating	100% Air-Tight	100% Air-Tight	--

: 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/dm ²) (1,2)			Requirement (mg/dm ²)
		1 st Migration	2 nd Migration	3 rd 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. Aquifer Plastic
2. Transparent 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)			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:

1. Aquifer Plastic
2. Transparent 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)

END OF TEST REPORT

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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 (600H X 3) (1800 ML) (ASSORTED) (3 PC SET)

DATE RECEIVED : 10TH MAY, 2023
TEST PERFORMANCE DATE : 10TH MAY, 2023 TO 21ST JUNE, 2023
BUYER'S NAME : --
BUYING AGENT/ CONTACT : --
ORDER NO. : --
BAR CODE : 8902084015852
STYLE NO. : HSN CODE: 39241090
COLOR : BLUSH
END USE : FOOD STORAGE
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, OVERALL MIGRATION, SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS)
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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:

- Statement of conformity is based on the Simple acceptance rule without using measurement uncertainty.
- 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.



TEST REPORT

NUMBER : DELH23006358-G
DATE : 27TH AUGUST, 2023

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 Blush Plastic: <10 ppm Transparent 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 Blush Plastic: <10 ppm Transparent 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)	Requirement
Submitted Sample	COMPLIES Not Detected	Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

Tested Item:

1.Blush Plastic: <10 ppm

2.Transparent Plastic: <10 ppm



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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	(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		Requirement
	A1	A2	
DAY- 0	75.921	77.212	X < 0.10% 100% Air-Tight
DAY- 1	75.933	77.223	
DAY- 2	75.941	77.231	
DAY- 3	75.952	77.242	0.10% ≤ x ≤ 0.60% Can be Air-Tight
DAY- 4	75.961	77.254	
DAY- 5	75.973	77.259	
<u>D5 – D0</u> <u>D0</u>	0.06%	0.06%	X > 0.60% Not Air-tight
<u>Rating</u>	100% Air-Tight	100% Air-Tight	--

: 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/dm ²) (1,2)			Requirement (mg/dm ²)
		1 st Migration	2 nd Migration	3 rd 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. Blush Plastic
2. Transparent 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)			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:

1. Blush Plastic
2. Transparent 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)

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.

