

TEST REPORT

NUMBER : DELH23006358-P 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 ROUND CONTAINER (500Rx3)(3 PC PRISM ROUND CONTAINER SET (500R X 3) (1500

ML) (AQUIFER) (3 PC SET)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 : 8902084015906 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:

CONCLUSION:				
TESTED SAMPLE	TEST PARAMETERS/STANDARD			
	TOTAL LEAD CONTENT	·		
	(With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63)			
	TOTAL CADMIUM CONTENT			
	(With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 23)	М		
	BISPHENOL-A CONTENT	NA		
	(By Solvent Extraction Followed By LC-MS/MS)	М		
	DISHWASHER SAFE TEST			
	(As Per Intertek In-House Test Method (M0001-V05))	M		
SUBMITTED SAMPLE	FREEZER SAFE TEST	М		
SUBMITTED SAMPLE	(As Per Intertek In-House Test Method(M0004-V03))	IVI		
	MICROWAVE SAFE TEST	М		
	As Per Intertek In-House Test Method (M0002-V02)	IVI		
	AIR LEAKAGE TEST	М		
	(As per Intertek In-house Method)	IVI		
	OVERALL MIGRATION			
	As Per European Commission Regulation (EC) No.1935/2004 and (EU) No. 10/2011, EU	M		
	2020/1245- On Plastic Materials and Articles Intended to Come into Contact with Food)			
	SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS)			
	(As Per European Commission Regulation (EC) No.1935/2004 and (EU) No.10/2011, EU	M		
	2020/1245- On Plastic Materials and Articles Intended to Come into Contact with Food.)			

NOTE: M = MEET REQUIREMENT F = DO NOT MEET REQUIREMENT

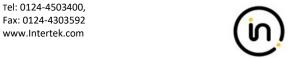
= NO SPECIFIED REQUIREMENT N/A = NOT APPLICABLE

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

ASST. MANAGER - HARDLINE

Testing Remark: Test results have been incorporated from report no. DELH23006358 as per applicant's request.





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
	COMPLIES	
Submitted Sample	Aquifer Plastic: <10 ppm	500 ppm
	Transparent Plastic: <10 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
	COMPLIES	
Submitted Sample	Aquifer Plastic: <10 ppm	100 ppm
	Transparent Plastic: <10 ppm	

Detection Limit: 10 ppm

3.BISPHENOL-A CONTENT:

Method: By Solvent Extraction Followed By LC-MS/MS

Detection Limit: 0.1 ppm

Tested Item:

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





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	Shall not show any chipping, cracking, glaze crazing
	(No visual change observed)	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
	COMPLIES	No discoloration, cracking, crazing,
Submitted Sample		chipping, permanent deformation,
	deformation observed & No functionality loss observed)	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

No of cycles. 00 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



New Delhi -110044.



7.AIR LEAKAGE TEST:

Method: As per Intertek In-House Test Method

Duration	Test Re	Paguirament		
Duration	A1	A2	Requirement	
DAY- 0	75.921	77.212		
DAY- 1	75.933	77.223	X < 0.10%	
DAY- 2	75.941	77.231	100% Air-Tight	
DAY- 3	75.952	77.242	0.10% ≤ x ≤0.60%	
DAY- 4	75.961	77.254	Can be Air-Tight	
DAY- 5	75.973	77.259		
<u>D5 – D0</u> D0	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/dm²) (1,2)			Requirement (mg/dm²)
		1 st Migration	2 nd Migration	3 rd Migration	1
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)





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)			
	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		
Gadolinium (Gd)	<0.01	<0.01	<0.01		
Lanthanum (La)	<0.01	<0.01	<0.01	0.05 (Sum)	
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)

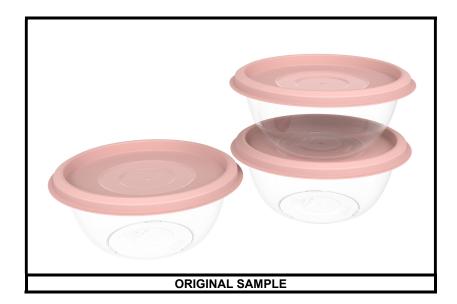
END OF TEST REPORT

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TEST REPORT







APPLICANT: ALL TIME PLASTICS PVT. LTD.

PLOT NO. 377/1 (1&2) & 371/1(C), KACHIGAM CHAR RASTA,

BEHIND STONE QUARRY, DAMÁN (U.T.) 396210

ATTN: ZARIR PATEL

SAMPLE DESCRIPTION: PRISM ROUND CONTAINER (500Rx3)(3 PC PRISM ROUND CONTAINER SET (500R X 3) (1500

ML) (BLUSH) (3 PC SET)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 : 8902084015906 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)

FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGE (S).

CONCLUSION:

CONCLUSION:			
TESTED SAMPLE	TEST PARAMETERS/STANDARD		
	TOTAL LEAD CONTENT (With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex	М	
	XVII, Entry 63) TOTAL CADMIUM CONTENT		
	(With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 23)	М	
	BISPHENOL-A CONTENT (By Solvent Extraction Followed By LC-MS/MS)	M	
	DISHWASHER SAFE TEST (As Per Intertek In-House Test Method (M0001-V05))		
SUBMITTED SAMPLE	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)		
	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)		
	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.)	М	

NOTE: M = MEET REQUIREMENT F = DO NOT MEET REQUIREMENT

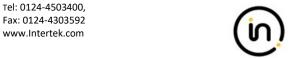
= NO SPECIFIED REQUIREMENT N/A = NOT APPLICABLE

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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. New Delhi -110044.



AUTHORIZED BY

FOR INTERTEK INDIA PVT. LTD.

KAMAL SARDHANA

ASST. MANAGER - HARDLINE

Testing Remark: Test results have been incorporated from report no. DELH23006358 as per applicant's request.





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
	COMPLIES	
Submitted Sample	Blush Plastic: <10 ppm	500 ppm
	Transparent Plastic: <10 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
	COMPLIES	
Submitted Sample	Blush Plastic: <10 ppm	100 ppm
	Transparent Plastic: <10 ppm	

Detection Limit: 10 ppm

3.BISPHENOL-A CONTENT:

Method: By Solvent Extraction Followed By LC-MS/MS

Detection Limit: 0.1 ppm

Tested Item:

1.Blush Plastic: <10 ppm 2.Transparent Plastic: <10 ppm



New Delhi -110044.



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	Shall not show any chipping, cracking, glaze crazing
	(No visual change observed)	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

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Tested Sample	Test Results / Observation	Requirement
	COMPLIES	No discoloration, cracking, crazing,
Submitted Sample	(No discoloration, cracking, crazing, chipping, permanent	chipping, permanent deformation,
	deformation observed & No functionality loss observed)	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

No of cycles. 00 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 Res	sults	Paguiroment	
Duration	A1	A2	Requirement	
DAY- 0	75.921	77.212		
DAY- 1	75.933	77.223	X < 0.10%	
DAY- 2	75.941	77.231	100% Air-Tight	
DAY- 3	75.952	77.242	0.10% ≤ x ≤0.60%	
DAY- 4	75.961	77.254	Can be Air-Tight	
DAY- 5	75.973	77.259		
<u>D5 – D0</u> 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/dm²) (1,2)			Requirement (mg/dm²)
		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)





NUMBER : DELH23006358-Q **TEST REPORT** 27TH AUGUST, 2023 DATE

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)			
	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		
Gadolinium (Gd)	<0.01	<0.01	<0.01		
Lanthanum (La)	<0.01	<0.01	<0.01	0.05 (Sum)	
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

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