

TEST REPORT

NUMBER : DELH23000935-B
DATE : 30TH APRIL, 2023



TEST REPORT

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DATE : 30TH APRIL, 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: PICNIC GLASS 500 ML

DATE RECEIVED : 28TH JAN, 2023
TEST PERFORMANCE DATE : 28TH JAN, 2023 TO 28TH MAR, 2023
BUYER'S NAME : --
BUYING AGENT/ CONTACT : --
ORDER NO. : --
BAR CODE : 8902084012752
STYLE NO. : HSN CODE: 39241090
COLOR : MOONLIGHT
END USE : DRINKING, JUICE, MILK, COFFEE ETC.
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, OVERALL MIGRATION, FREEZER SAFE TEST, MICROWAVE SAFE TEST, SPECIFIC MIGRATION OF HEAVY METAL
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
	OVERALL MIGRATION (Food Safety and Standards (Packaging) Regulations, 2018)	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
	SPECIFIC MIGRATION OF HEAVY METAL (Food Safety and Standards (Packaging) Regulations, 2018)	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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NUMBER : DELH23000935-B
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AUTHORIZED BY
FOR INTERTEK INDIA PVT. LTD.

Kamal Sardhana

KAMAL SARDHANA
ASST. MANAGER - HARDLINE



TEST REPORT

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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 Moonlight Plastic: <10 ppm	< 500 ppm (0.05% By Weight)

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 (mg/kg)	Client's Requirement
Submitted Sample	COMPLIES Moonlight Plastic: <10 ppm	< 50 mg/kg

Detection Limit: 10 ppm

3. BISPHENOL-A CONTENT:

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

Tested Sample	Test Result (ppm)	Client's Requirement
Submitted Sample	COMPLIES Not Detected	Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

Tested Item: Moonlight Plastic

4. DISHWASHER SAFE TEST:

Method: As Per In-House Test Method (M0001)

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.



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5. OVERALL MIGRATION TEST:

Test Specification: Food Safety and Standards (Packaging) Regulations, 2018

Test Method: IS 9845:1998 Reaffirmed 2020

Simulant Used	Test Condition	Test Result (mg/dm ²)	Max. Limit (mg/dm ²)
10% Ethanol	70°C for 2 Hours	< 5.0	< 10
3% Acetic Acid	70°C for 2 Hours	< 5.0	< 10
50% Ethanol	70°C for 2 Hours	< 5.0	< 10
Distilled Water	70°C for 2 Hours	< 5.0	< 10
N-Heptane	38°C for 30 Minutes	< 5.0	< 10

Tested Item: Moonlight Plastic

6. 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

7. 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 visual change observed)	Not Provided

8. SPECIFIC MIGRATION OF HEAVY METAL:

Test Specification: Food Safety and Standards (Packaging) Regulations, 2018

Test Method: EN 13130:2004

Test Condition: 3% Acetic Acid at 70°C for 2 hours

Element	Results (mg/kg)	Max. Permissible limit (mg/kg)
Barium (Ba)	<0.1	1.0
Cobalt (Co)	<0.01	0.05
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

Tested Item: Moonlight Plastic

END OF TEST REPORT



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TEST REPORT

NUMBER : DELH23000935-C
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AUTHORIZED BY
FOR INTERTEK INDIA PVT. LTD.

Kamal Sardhana

KAMAL SARDHANA
ASST. MANAGER - HARDLINE



TEST REPORT

NUMBER : DELH23000935-C
DATE : 30TH APRIL, 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 Grey Plastic: <10 ppm	< 500 ppm (0.05% By Weight)

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 (mg/kg)	Client's Requirement
Submitted Sample	COMPLIES Grey Plastic: <10 ppm	< 50 mg/kg

Detection Limit: 10 ppm

3. BISPHENOL-A CONTENT:

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

Tested Sample	Test Result (ppm)	Client's Requirement
Submitted Sample	COMPLIES Not Detected	Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

Tested Item: Grey Plastic

4. DISHWASHER SAFE TEST:

Method: As Per In-House Test Method (M0001)

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.



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5.OVERALL MIGRATION TEST:

Test Specification: Food Safety and Standards (Packaging) Regulations, 2018

Test Method: IS 9845:1998 Reaffirmed 2020

Simulant Used	Test Condition	Test Result (mg/dm ²)	Max. Limit (mg/dm ²)
10% Ethanol	70°C for 2 Hours	< 5.0	< 10
3% Acetic Acid	70°C for 2 Hours	< 5.0	< 10
50% Ethanol	70°C for 2 Hours	< 5.0	< 10
Distilled Water	70°C for 2 Hours	< 5.0	< 10
N-Heptane	38°C for 30 Minutes	< 5.0	< 10

Tested Item: Grey Plastic

6.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

7.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 visual change observed)	Not Provided

8.SPECIFIC MIGRATION OF HEAVY METAL:

Test Specification: Food Safety and Standards (Packaging) Regulations, 2018

Test Method: EN 13130:2004

Test Condition: 3% Acetic Acid at 70°C for 2 hours

Element	Results (mg/kg)	Max. Permissible limit (mg/kg)
Barium (Ba)	<0.1	1.0
Cobalt (Co)	<0.01	0.05
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

Tested Item: Grey Plastic

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TEST REPORT

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ORIGINAL SAMPLE



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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: PICNIC GLASS 500 ML

DATE RECEIVED : 28TH JAN, 2023
TEST PERFORMANCE DATE : 28TH JAN, 2023 TO 28TH MAR, 2023
BUYER'S NAME : --
BUYING AGENT/ CONTACT : --
ORDER NO. : --
BAR CODE : 8902084012752
STYLE NO. : HSN CODE: 39241090
COLOR : BLUSH
END USE : DRINKING, JUICE, MILK, COFFEE ETC.
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, OVERALL MIGRATION, FREEZER SAFE TEST, MICROWAVE SAFE TEST, SPECIFIC MIGRATION OF HEAVY METAL
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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
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	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
	OVERALL MIGRATION (Food Safety and Standards (Packaging) Regulations, 2018)	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
	SPECIFIC MIGRATION OF HEAVY METAL (Food Safety and Standards (Packaging) Regulations, 2018)	M

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

- Statement of conformity is based on the Simple acceptance rule without using measurement uncertainty.
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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 Blush Plastic: <10 ppm	< 500 ppm (0.05% By Weight)

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 (mg/kg)	Client's Requirement
Submitted Sample	COMPLIES Blush Plastic: <10 ppm	< 50 mg/kg

Detection Limit: 10 ppm

3. BISPHENOL-A CONTENT:

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

Tested Sample	Test Result (ppm)	Client's Requirement
Submitted Sample	COMPLIES Not Detected	Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

Tested Item: Blush Plastic

4. DISHWASHER SAFE TEST:

Method: As Per In-House Test Method (M0001)

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.



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5.OVERALL MIGRATION TEST:

Test Specification: Food Safety and Standards (Packaging) Regulations, 2018

Test Method: IS 9845:1998 Reaffirmed 2020

Simulant Used	Test Condition	Test Result (mg/dm ²)	Max. Limit (mg/dm ²)
10% Ethanol	70°C for 2 Hours	< 5.0	< 10
3% Acetic Acid	70°C for 2 Hours	< 5.0	< 10
50% Ethanol	70°C for 2 Hours	< 5.0	< 10
Distilled Water	70°C for 2 Hours	< 5.0	< 10
N-Heptane	38°C for 30 Minutes	< 5.0	< 10

Tested Item: Blush Plastic

6.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

7.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 visual change observed)	Not Provided

8.SPECIFIC MIGRATION OF HEAVY METAL:

Test Specification: Food Safety and Standards (Packaging) Regulations, 2018

Test Method: EN 13130:2004

Test Condition: 3% Acetic Acid at 70°C for 2 hours

Element	Results (mg/kg)	Max. Permissible limit (mg/kg)
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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

Tested Item: Blush Plastic

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