

 NUMBER
 :
 DELH23002928-A

 DATE
 :
 20TH MAR, 2023



290, Udyog Vihar, Phase-II, Gurgaon, Haryana –122016. Registered Office : E-20, Block B-1, Mohan Co-Operative Industrial Area, Mathura Road, New Delhi -110044.





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TEST REPORT

NUMBER : DELH23002928-A DATE : 20TH MAR, 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: FOOD SAVER CONTAINER 250V (250V X 5) (1250 ML) (ASSORTED) (5 PC SET)

DATE RECEIVED	:	11 TH MAR, 2023
TEST PERFORMANCE DATE	:	11 TH MAR, 2023 TO 15 TH MAR, 2023
BUYER'S NAME	:	
BUYING AGENT/ CONTACT	:	
ORDER NO.	:	
BAR CODE:	:	8902084062160
STYLE NO.	:	HSN CODE: 39241090
COLOR	:	WHITE
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
	TOTAL LEAD CONTENT (With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63)	м
	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)	м
SUBMITTED SAMPLE	DISHWASHER SAFE TEST (As Per Intertek In-House Test Method (M0001-V05))	м
	FREEZER SAFE TEST (As Per Intertek In-House Test Method(M0004-V03))	м
	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)	м
	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 # = NO SPECIFIED REQUIREMENT

F = DO NOT MEET 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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NUMBER : DE DATE : 20

: DELH23002928-A : 20TH MAR, 2023

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KAMAL SARDHANA ASST. MANAGER - HARDLINE

Testing Remark: Test results have been incorporated from report no. DELH23002928 as per applicant's request

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NUMBER : DELH23002928-A DATE : 20TH MAR, 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	500 ppm
	Transparent + White 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

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Tested Component	Test Result (ppm)	Requirement
Submitted Sample	COMPLIES	100 ppm
Submitted Sample	Transparent + white plastic: <10 ppm	ioo ppin

Detection Limit: 10 ppm

3.BISPHENOL-A CONTENT:

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

Tested Sample	Test Result (ppm)	Requirement
Outersitte d Consula	COMPLIES	Shall Not Contain Any Detectable Levels of
Submitted Sample	Not Detected	Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

Tested Item: Transparent + white 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: 05 Cycles

 Tested Sample

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.

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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	
	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	

6.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
		1 st Migration	2 nd Migration	3 rd Migration	(mg/dm²)
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:

1.Transparent Plastic 2.White Plastic

Note:

Result of 3rd migration < SML, and Result of 1st migration \ge 2nd migration \ge 3rd migration after consideration of result uncertainty. Result of 1st, 2nd and 3rd migration < SML when SML limit is Not Detected (ND)





INCECT

NUMBER : DELH23002928-A DATE : 20TH MAR, 2023

7. 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)			
	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.Transparent Plastic 2.White Plastic

Note:

Result of 3rd migration < SML, and Result of 1st migration \geq 2nd migration \geq 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.

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 NUMBER
 :
 DELH23002923-AN

 DATE
 :
 06TH APRIL, 2023



290, Udyog Vihar, Phase-II, Gurgaon, Haryana –122016. Registered Office : E-20, Block B-1, Mohan Co-Operative Industrial Area, Mathura Road, New Delhi -110044.





NUMBER : DELH23002923-AN DATE : 06TH 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

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DATE RECEIVED	:	11 [™] MAR, 2023
TEST PERFORMANCE DATE	:	11 TH MAR, 2023 TO 05 TH APRIL, 2023
BUYER'S NAME	:	
BUYING AGENT/ CONTACT	:	
ORDER NO.	:	
BAR CODE	:	8902084062160
STYLE NO.	:	HSN CODE: 39241090
COLOR	:	NATURAL AND MOONLIGHT
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, 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
	TOTAL LEAD CONTENT (With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63)	м
	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)	м
	DISHWASHER SAFE TEST (As Per Intertek In-House Test Method (M0001-V05))	м
SUBMITTED SAMPLE	FREEZER SAFE TEST (As Per Intertek In-House Test Method(M0004-V03))	М
	MICROWAVE SAFE TEST As Per Intertek In-House Test Method (M0002-V02)	м
	AIR LEAKAGE TEST (As per client's specification)	м
	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)	м
	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 # = NO SPECIFIED REQUIREMENT

F = DO NOT MEET 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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	Registered Office : E-20, Block B-1, Mohan	Fax: 0124-4303592
	Co-Operative Industrial Area, Mathura Road,	www.Intertek.com
	New Delhi -110044.	





NUMBER : DE DATE : 06¹

: DELH23002923-AN : 06TH APRIL, 2023

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KAMAL SARDHANA ASST. MANAGER - HARDLINE

Testing Remark: Test results have been incorporated from report no. DELH23002923 as per applicant's request.

290, Udyog Vihar, Phase-II, Gurgaon, Haryana –122016. Registered Office : E-20, Block B-1, Mohan Co-Operative Industrial Area, Mathura Road, New Delhi -110044.







NUMBER : DELH23002923-AN DATE : 06TH 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
	COMPLIES	
Submitted Sample	Natural Plastic: <10 ppm	500 ppm
	Moonlight 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	Natural Plastic: <10 ppm	100 ppm
-	Moonlight Plastic: <10 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.Natural plastic

2.Moonlight 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: 05 Cycles

 Tested Sample

 Test Results / Observal

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: Natural plastic





NUMBER : DELH23002923-AN DATE : 06TH APRIL, 2023

Requirement

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

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	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: Natural plastic

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: Natural plastic

7.AIR LEAKAGE TEST:

Method: As per client's specification

Duration	Test Re	sults	Client's Pequirement	
Duration	A1	A2	Client's Requirement	
DAY- 0	128.034	129.041		
DAY- 1	129.051	130.029	X < 0.10%	
DAY- 2	130.072	131.011	100% Air-Tight	
DAY- 3	131.091	132.021	0.10% ≤ x ≤0.60%	
DAY- 4	132.191	133.011	Can be Air-Tight	
DAY- 5	133.111	134.026		
<u>D5 – D0</u> D0	0.03%	0.04%	X > 0.60% Not Air Tight	
<u>Rating</u>	100% Air-Tight	100% Air-Tight		

Tested Item: Natural plastic

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/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:

1.Natural plastic

2.Moonlight plastic

Note:

Result of 3rd migration < SML, and Result of 1st migration \geq 2nd migration \geq 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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> NUMBER : DELH23002923-AN DATE : 06TH APRIL, 2023

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.

Test Condition: 100°C for 2 Hours

Test Parameter		Requirement (mg/kg)			
	1 st Migration	(1 & 2) 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	1	

Tested Item:

1.Natural plastic 2.Moonlight plastic

Note:

Result of 3rd migration < SML, and Result of 1st migration \geq 2nd migration \geq 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.

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Simulant Used: 3% Acetic Acid



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Intertek India Pvt. Ltd.

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NUMBER : DELH23002636-AN DATE : 06TH 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: FOOD SAVER CONTAINER 250V (250V X 5) (1250 ML) (ASSORTED) (5 PC SET)

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TEST PERFORMANCE DATE	:	04 TH MAR, 2023 TO 05 TH APRIL, 2023
BUYER'S NAME	:	
BUYING AGENT/ CONTACT	:	
ORDER NO.	:	
BAR CODE	:	8902084062160
STYLE NO.	:	HSN CODE: 39241090
COLOR	:	BLUSH & NATURAL
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, OVERALL MIGRATION, SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS) FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGE (S).

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	TOTAL LEAD CONTENT (With Reference to Regulation (EC) No.1907/2006 (REACH) And Its Amendments, Annex XVII, Entry 63)	м
	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)	м
	DISHWASHER SAFE TEST (As Per Intertek In-House Test Method (M0001-V05))	м
SUBMITTED SAMPLE	FREEZER SAFE TEST (As Per Intertek In-House Test Method(M0004-V03))	м
	MICROWAVE SAFE TEST As Per Intertek In-House Test Method (M0002-V02)	м
	AIR LEAKAGE TEST (As per client's specification)	м
	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)	м
	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 # = NO SPECIFIED REQUIREMENT

F = DO NOT MEET 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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NUMBER : DEL DATE : 06TH

: DELH23002636-AN : 06TH APRIL, 2023

AUTHORIZED BY FOR INTERTEK INDIA PVT. LTD.

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KAMAL SARDHANA ASST. MANAGER - HARDLINE

Testing Remark: Test results have been incorporated from report no. DELH23002636 as per applicant's request.

290, Udyog Vihar, Phase-II, Gurgaon, Haryana –122016. Registered Office : E-20, Block B-1, Mohan Co-Operative Industrial Area, Mathura Road, New Delhi -110044.







NUMBER : DELH23002636-AN DATE : 06TH 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
	COMPLIES	
Submitted Sample	Natural Plastic: <10 ppm	500 ppm
	Blush 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	Natural Plastic: <10 ppm	100 ppm	
-	Blush Plastic: <10 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.Natural plastic 2.Blush 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: 05 Cycles

 Tested Sample

 Test Results / Observal

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: Natural Container

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 :
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Requirement

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

reetea eample		rtoquironioni	
	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: Natural Container

6.MICROWAVE SAFE TEST:

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

No of cycles: U6 Cycles		
Tested Sample	Test Results / Observation	Requirement
	COMPLIES	
Submitted Sample	(No any chipping, cracking, crazing or	No any chipping, cracking, crazing or other change
	other change from the original state is	from the original state is rated as failure
	rated as failure observed)	

Tested Item: Natural Container

7.AIR LEAKAGE TEST:

Method: As per client's specification

Duration	Test Res	ults	Client's Paguirement	
Duration	A1	A2	Client's Requirement	
DAY- 0	289.037	290.048		
DAY- 1	290.058	291.057	X < 0.10%	
DAY- 2	291.041	292.032	100% Air-Tight	
DAY- 3	292.048	293.071	0.10% ≤ x ≤0.60% Can be Air-Tight	
DAY- 4	293.066	294.063		
DAY- 5	294.059	295.051		
<u>D5 – D0</u> D0	0.02%	0.02%	X > 0.60% Not Air Tight	
<u>Rating</u>	100% Air-Tight	100% Air-Tight		

Tested Item: Natural Container

A1-As received sample

A2- After dishwashing





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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/dm ²)
		1 st Migration	2 nd Migration	3 rd Migration	1
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:

1.Natural plastic

2.Blush plastic

Note:

Result of 3rd migration < SML, and Result of 1st migration \ge 2nd migration \ge 3rd migration after consideration of result uncertainty. Result of 1st, 2nd and 3rd migration < SML when SML limit is Not Detected (ND)



INCERC Total Quality, Assured

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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.

Test Condition: 100°C for 2 Hours

Test Parameter		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	
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.Natural plastic 2.Blush plastic

Note:

Result of 3rd migration < SML, and Result of 1st migration \ge 2nd migration \ge 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.

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Simulant Used: 3% Acetic Acid