

NUMBER : DELH23002487-GC DATE : 10<sup>TH</sup> MAY, 2023



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, New Delhi -110044. Tel: 0124-4503400, Fax: 0124-4303592 www.Intertek.com Page 1 of 6





NUMBER : DELH23002487-GC DATE : 10<sup>TH</sup> MAY, 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:** GLAZE ICE TRAY (ASSORTED) (2 PC SET)

DATE RECEIVED TEST PERFORMANCE DATE BUYER'S NAME BUYING AGENT/ CONTACT ORDER NO. BAR CODE STYLE NO. COLOR END USE SEASON COUNTRY OF ORIGIN		01 <sup>ST</sup> MAR, 2023 01 <sup>ST</sup> MAR, 2023 TO 28 <sup>TH</sup> MAR, 2023   8902084074187 HSN CODE: 39241090 AQUIFER  
	:	-
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
	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
	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.







NUMBER : DELH DATE :  $10^{TH}$  N

: DELH23002487-GC : 10<sup>TH</sup> MAY, 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. DELH23002487 as per applicant's request.

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### NUMBER : DELH23002487-GC DATE : 10<sup>TH</sup> MAY, 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	<b>COMPLIES</b> Aquifer 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	100 ppm
-	Aquiler Flastic. < 10 ppm	

Detection Limit: 10 ppm

### 3.BISPHENOL-A CONTENT:

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

Tested Sample	Test Result (ppm)	Requirement
Submitted Sample	COMPLIES Not Detected	Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA)
	Not Delected	רא וט איוטוופווטיא (דא וט א

Detection Limit: 0.1 ppm

Tested Item: Aquifer 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 / 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: Aquifer plastic

### 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 Test of Sample

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: Aquifer plastic

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NUMBER : DELH23002487-GC DATE : 10<sup>TH</sup> MAY, 2023

### 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)			Bequirement (mg/dm <sup>2</sup> )
Simulant Oseu	rest condition	1 <sup>st</sup> Migration	2 <sup>nd</sup> Migration	3 <sup>rd</sup> Migration	Requirement (mg/dm <sup>2</sup> )
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: Aquifer 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)

### 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 <sup>st</sup> Migration	2 <sup>nd</sup> Migration	3 <sup>rd</sup> 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: Aquifer 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)





NUMBER : DELH23002487-GC DATE : 10<sup>TH</sup> MAY, 2023

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### # 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
 :
 DELH23002928-AH

 DATE
 :
 29<sup>TH</sup> APRIL, 2023



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### **TEST REPORT**

 NUMBER
 :
 DELH23002928-AH

 DATE
 :
 29<sup>TH</sup> 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: GLAZE ICE TRAY (2 PC SET)

DATE RECEIVED	:	11 <sup>™</sup> MAR, 2023
TEST PERFORMANCE DATE	:	11 <sup>TH</sup> MAR, 2023 TO 15 <sup>TH</sup> MAR, 2023
BUYER'S NAME	:	
BUYING AGENT/ CONTACT	:	
ORDER NO.	:	
BAR CODE:	:	8902084074194
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
SUBMITTED SAMPLE	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.





NUMBER : D DATE : 25

: DELH23002928-AH : 29<sup>TH</sup> APRIL, 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-AH DATE : 29<sup>TH</sup> 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	500 ppm
	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

Tested Component	Test Result (ppm)	Requirement
Submitted Sample	COMPLIES White 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)	Requirement
Cubmitted Comple	COMPLIES	Shall Not Contain Any Detectable Levels of
Submitted Sample	Not Detected	Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

Tested Item: 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 Test Baculte / Observation

Tested Sample	Test Results / Observation	Requirement
Submitted Sample	COMPLIES	Shall not show any chipping, cracking, glaze crazing
Submitted Sample	(No visual change observed)	or other visual change in appearance.

Tested Item: White plastic

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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

Tested Item: White plastic

### 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)			Requirement
Simulant Oseu	Test condition	1 <sup>st</sup> Migration	2 <sup>nd</sup> Migration	3 <sup>rd</sup> 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: 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)



INCECT

NUMBER : DELH23002928-AH DATE : 29<sup>TH</sup> APRIL, 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)		Requirement (mg/kg)
	1 <sup>st</sup> Migration	2 <sup>nd</sup> Migration	3 <sup>rd</sup> 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: 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)

#### # 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.

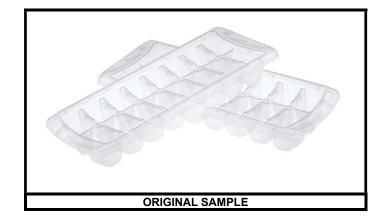
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 10<sup>TH</sup> MAY, 2023

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:** GLAZE ICE TRAY (ASSORTED) (2 PC SET)

DATE RECEIVED TEST PERFORMANCE DATE BUYER'S NAME BUYING AGENT/ CONTACT ORDER NO. BAR CODE STYLE NO.	:	11 <sup>TH</sup> MAR, 2023 11 <sup>TH</sup> MAR, 2023 TO 05 <sup>TH</sup> APRIL, 2023   8902084074187 HSN CODE: 39241090
COLOR END USE	÷	NATURAL
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))	Μ
	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.)	Μ

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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 10<sup>TH</sup> MAY, 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.

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### NUMBER : DELH23002923-BI DATE : 10<sup>TH</sup> MAY, 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
	Natural Plastic: <10 ppm	eee 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	100 ppm
Submitted Sample	Natural Plastic: <10 ppm	roo ppin

Detection Limit: 10 ppm

### 3.BISPHENOL-A CONTENT:

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

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

Detection Limit: 0.1 ppm

Tested Item: Natural 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 / Observation

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

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, New Delhi -110044. Tel: 0124-4503400, Fax: 0124-4303592 www.Intertek.com Page 4 of 6





### 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	

Tested Item: Natural plastic

### 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/dm <sup>2</sup> )		Bequirement (mg/dm <sup>2</sup> )	
Simulant Oseu		1 <sup>st</sup> Migration	2 <sup>nd</sup> Migration	3 <sup>rd</sup> Migration	Requirement (mg/dm <sup>2</sup> )
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: Natural 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)

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INCECT

NUMBER : DELH23002923-BI DATE : 10<sup>TH</sup> MAY, 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.

Test Condition: 100°C for 2 Hours

Test Parameter		Test Result (mg/kg)			
	1 <sup>st</sup> Migration	2 <sup>nd</sup> Migration	3 <sup>rd</sup> 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	0.05 (Sum)	
Lanthanum (La)	<0.01	<0.01	<0.01		
Terbium (Tb)	<0.01	<0.01	<0.01		

#### Tested Item: Natural 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