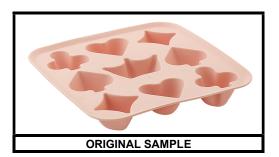


# TEST REPORT

NUMBER : DELH23002487-CF 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: CLUBS ICE TRAY

DATE RECEIVED : 01ST MAR, 2023

TEST PERFORMANCE DATE : 01<sup>ST</sup> MAR, 2023 TO 28<sup>TH</sup> MAR, 2023

BUYER'S NAME : -BUYING AGENT/ CONTACT : -ORDER NO. : --

BAR CODE : 8902084074330 STYLE NO. : HSN CODE: 39241090

COLOR : BLUSH

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





AUTHORIZED BY FOR INTERTEK INDIA PVT. LTD.

KAMAL SARDHANA

ASST. MANAGER - HARDLINE

Testing Remark: Test results have been incorporated from report no. DELH23002487 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
Submitted Sample	COMPLIES	500 ppm
	Blush plastic: <10 ppm	эоо ррш

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	
	Blush plastic: <10 ppm	тоо ррпп	

Detection Limit: 10 ppm

#### 3.BISPHENOL-A CONTENT:

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

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

Detection Limit: 0.1 ppm

**Tested Item:** 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: 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:** Blush 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

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: Blush 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 (mg/dm²)
10% Ethanol	70°C for 2 Hours	< 5.0	10
3% Acetic Acid	70°C for 2 Hours	< 5.0	10
95% Ethanol	60°C for 2 Hours	< 5.0	10
Iso-Octane	40°C for 30 Minutes	< 5.0	10

**Tested Item:** Blush plastic





#### 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: 70°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: Blush 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.



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Tel: 0124-4503400, Fax: 0124-4303592 www.Intertek.com



# **TEST REPORT**

NUMBER : DELH23002928-AJ 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: CLUBS ICE TRAY

DATE RECEIVED : 11<sup>TH</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 : --

BUYING AGENT/ CONTACT : -ORDER NO. : --

BAR CODE: : 8902084074330 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	M
	Amendments, Annex XVII, Entry 63)	
	(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
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)	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.)	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.

(n)



AUTHORIZED BY

FOR INTERTEK INDIA PVT. LTD.

KAMAL SARDHANA

ASST. MANAGER - HARDLINE

Testing Remark: Test results have been incorporated from report no. DELH23002928 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
Submitted Sample	COMPLIES	500 ppm
	White plastic: <10 ppm	эоо ррш

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
O. h itt - d O l -	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

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:** White 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

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
Silliulani Oseu	rest 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 ≥ 2nd migration ≥ 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	Requirement (mg/kg)
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  $\geq$  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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# **TEST REPORT**

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







TEST REPORT

NUMBER: DELH23002487-FJ
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: CLUBS ICE TRAY

DATE RECEIVED : 01ST MAR, 2023

TEST PERFORMANCE DATE : 01<sup>ST</sup> MAR, 2023 TO 28<sup>TH</sup> MAR, 2023

BUYER'S NAME : -BUYING AGENT/ CONTACT : -ORDER NO. : --

BAR CODE : 8902084074330 STYLE NO. : HSN CODE: 39241090

COLOR : GREY
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	SAMPLE TEST PARAMETERS/STANDARD	
	TOTAL LEAD CONTENT	
	(With Reference to Regulation (EC) No.1907/2006 (REACH) And Its	М
	Amendments, Annex XVII, Entry 63)	
	TOTAL CADMIUM CONTENT	
	(With Reference to Regulation (EC) NO.1907/2006 (REACH) And Its	M
	Amendments, Annex XVII, Entry 23)	
	BISPHENOL-A CONTENT	М
	(By Solvent Extraction Followed By LC-MS/MS)	
	DISHWASHER SAFE TEST	М
SUBMITTED SAMPLE	(As Per Intertek In-House Test Method (M0001-V05))	141
SOBIMITIED SAIMILE	FREEZER SAFE TEST	М
	(As Per Intertek In-House Test Method(M0004-V03))	IVI
	OVERALL MIGRATION	
	As Per European Commission Regulation (EC) No.1935/2004 and (EU)	М
	No. 10/2011, EU 2020/1245- On Plastic Materials and Articles Intended	IVI
	to Come into Contact with Food)	
	SPECIFIC MIGRATION OF HEAVY METALS (19 ELEMENTS)	
	(As Per European Commission Regulation (EC) No.1935/2004 and (EU)	М
	No.10/2011, EU 2020/1245- On Plastic Materials and Articles Intended to	IVI
	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.





# **TEST REPORT**NUMBER : DELH23002487-FJ DATE : 10<sup>TH</sup> MAY, 2023

AUTHORIZED BY FOR INTERTEK INDIA PVT. LTD.

KAMAL SARDHANA

ASST. MANAGER - HARDLINE

Testing Remark: Test results have been incorporated from report no. DELH23002487 as per applicant's request.





# NUMBER : DELH23002487-FJ 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 Grey 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	100 nnm
Submitted Sample	Grey 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
Colomitted Commit	COMPLIES	Shall Not Contain Any Detectable Levels of
Submitted Sample	Not Detected	Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

**Tested Item:** Grey 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: 10 Cycles

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: Grey plastic





# **TEST REPORT**NUMBER : DELH23002487-FJ DATE : 10<sup>TH</sup> MAY, 2023

### **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:** Grey 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 (mg/dm²)
10% Ethanol	70°C for 2 Hours	< 5.0	10
3% Acetic Acid	70°C for 2 Hours	< 5.0	10
95% Ethanol	60°C for 2 Hours	< 5.0	10
Iso-Octane	40°C for 30 Minutes	< 5.0	10

**Tested Item:** Grey plastic





#### **TEST REPORT** NUMBER : DELH23002487-FJ 10<sup>TH</sup> MAY, 2023 DATE

#### 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: 70°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: Grey 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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