

## **TEST REPORT**

NUMBER : DELH23002487-EO 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: JOY CUTLERY SET (ASSORTED) (12 PC SET)

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 : 8902084013377 STYLE NO. : HSN CODE: 39241090 COLOR : BLUSH / MOONLIGHT / MINT

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, 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
SUBMITTED SAMPLE	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
	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.



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AUTHORIZED BY

FOR INTERTEK INDIA PVT. LTD.

KAMAL SARDHANA

ASST. MANAGER - HARDLINE

**Testing Remark:** Blush, Moonlight test results have been incorporated from report no. DELH23002487 & / Mint plastic test results have been incorporated from report no. DELH23002488 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	
Submitted Sample	Moonlight plastic: <10 ppm	300 ррш	
	Mint 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
Submitted Sample	Moonlight plastic: <10 ppm	тоо ррш
	Mint 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 & 3)	Requirement
Submitted Sample	COMPLIES  Not Detected	Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

## **Tested Item:**

- 1.Blush plastic
- 2.Moonlight plastic
- 3.Mint 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 (1,2 & 3)	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:**

1.Blush plastic

2.Moonlight plastic

3.Mint plastic

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#### **5.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 & 3)	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:**

- 1.Blush plastic
- 2.Moonlight plastic
- 3.Mint plastic

## 6.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) (1,2 & 3)			
	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:**

- 1.Blush plastic
- 2.Moonlight plastic
- 3.Mint 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)

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#### # END OF TEST REPORT #

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