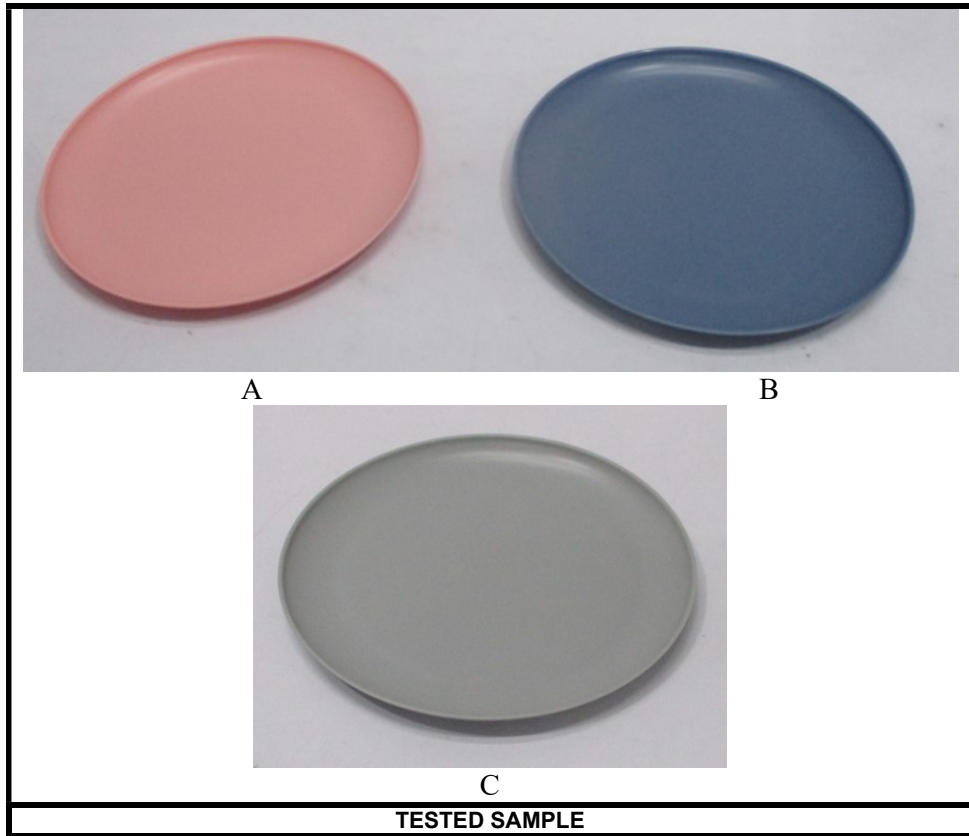


TEST REPORT

NUMBER : DELH23000936
DATE : 27TH FEB, 2023



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AUTHORIZED BY
FOR INTERTEK INDIA PVT. LTD.

Kamal Sardhana

KAMAL SARDHANA
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 + Moonlight plastic: <10 ppm 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 Blush + Moonlight plastic: <10 ppm 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) (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. Sample-(A+B)
- 3. Sample-C

4. DISHWASHER SAFE:

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 (No visual change observed)	Shall not show any chipping, cracking, glaze crazing or other visual change in appearance.

Tested Item:

- 1. Sample-A
- 2. Sample-B
- 3. Sample-C



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5.OVERALL MIGRATION:

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) (1,2 & 3)	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:

- 1.Sample-A
- 2.Sample-B
- 3.Sample-C

6.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)
	(1,2 & 3)	
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:

- 1.Sample-A
- 2.Sample-B
- 3.Sample-C

7.FREEZER SAFE:

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 (1,2 & 3)	Requirement
Submitted Sample	COMPLIES (No discoloration, cracking, crazing, chipping, permanent deformation observed & No functionality loss observed after testing)	No discoloration, cracking, crazing, chipping, permanent deformation, No functionality loss after Testing.

Tested Item:

- 1.Sample-A
- 2.Sample-B
- 3.Sample-C



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8. MICROWAVE SAFE:

Method: As Per Intertek In-House Test Method (M0002-V02)
No of cycles: 06 Cycles

Tested Sample	Test Results / Observation (1,2 & 3)	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:

1. Sample-A
2. Sample-B
3. Sample-C

END OF TEST REPORT

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular 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.

