

TEST REPORT

NUMBER : DELH23011722
DATE: : 25TH SEP, 2023



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APPLICANT: PARAS POLYMERS
F-15 ,UDYOG NAGAR ,PEERAGARHI ,DELHI -110041

ATTN: RATI KANWAL, RISHAB JAIN

SAMPLE DESCRIPTION: MEAL BOX

DATE RECEIVED : 24TH AUG, 2023
TEST PERFORMANCE DATE : 25TH AUG, 2023 TO 25TH SEP, 2023
BUYER'S NAME : --
BUYING AGENT/ CONTACT : --
ORDER NO. : --
STYLE NO. : --
COLOR : --
END USE : --
SEASON : --
COUNTRY OF ORIGIN : INDIA
COUNTRY OF DESTINATION : --
MANUFACTURER'S NAME : --

TESTS CONDUCTED: AS PER THE REQUEST BY THE APPLICANT.
FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGE (S).

CONCLUSION:

TESTED SAMPLE	TEST PARAMETERS/STANDARD	RESULT
SUBMITTED SAMPLE	SPECIFIC MIGRATION OF DEHP (Food Safety and Standards (Packaging) Second Amendment Regulations, 2022)	M
	SPECIFIC MIGRATION OF HEAVY METALS (Food Safety and Standards (Packaging) Regulations, 2018)	M
	OVERALL MIGRATION (Food Safety and Standards (Packaging) Regulations, 2018)	M
	COLOR RELEASE TEST (Food Safety and Standards (Packaging) Regulations, 2018)	M

NOTE: M = MEET CLIENT'S REQUIREMENT F = NOT MEET CLIENT'S REQUIREMENT#
= NO SPECIFIED REQUIREMENT N/A = NOT APPLICABLE

NOTE:

- Statement of conformity is based on the Simple acceptance rule without using measurement uncertainty.
- Laboratory reports the final test results in test report. Any additional information, if required, will be provided on request.

REMARK: The test has been conducted as per applicant request.

AUTHORIZED BY
FOR INTERTEK INDIA PVT. LTD.

Kamal Sardhana

KAMAL SARDHANA
ASST. MANAGER - HARDLINE



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1. SPECIFIC MIGRATION OF DEHP:

Test Specification: Food Safety and Standards (Packaging) Second Amendment Regulations, 2022

Test Method: With Ref. to IS-9845: 1998-Reaffirmed 2020 & EN 13130-1

Simulant Used: Acetic Acid, 3%

Test Condition: 40°C for 10 Days

Test Item	1 st Migration	2 nd Migration	3 rd Migration	Max. Permissible Limit (ppm)
Diethyl Hexyl Phthalate (DEHP)	Not Detected	Not Detected	Not Detected	1.5

Detection Limit: 0.1 ppm

Tested Item:

1. Black Meal Box

SPECIFIC MIGRATION OF DEHP:

Test Specification: Food Safety and Standards (Packaging) Second Amendment Regulations, 2022

Method: With Ref. to IS-9845: 1998-Reaffirmed 2020 & EN 13130-1

Simulant Used: N-Heptane Test

Condition: 38°C for 30 Min

Test Item	1 st Migration	2 nd Migration	3 rd Migration	Max. Permissible Limit (ppm)
Diethyl Hexyl Phthalate (DEHP)	Not Detected	Not Detected	Not Detected	1.5

Detection Limit: 0.1 ppm

Tested Item:

2. Transparent Lid

2. SPECIFIC MIGRATION OF HEAVY METALS:

Test Specification: Food Safety and Standards (Packaging) Regulations, 2018

Test Method: With ref. to IS-9845: 1998-Reaffirmed 2020 & EN 13130-1

Test Condition: 3% Acetic Acid at 40 °C for 10 Days

Element	Test Results(mg/kg) 1&2	Max. Permissible Limit (mg/kg)
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. Black Meal Box

2. Transparent Lid

Note:

- < = Less than

- mg/kg = milligram per kilogram.

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3.OVERALL MIGRATION TEST:

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	Requirement (mg/dm ²)
10% ETHONAL	40°C for 10 Days	< 5.0	< 10
3% ACETIC ACID	40°C for 10 Days	< 5.0	< 10
50% ETHONAL	40°C for 10 Days	< 5.0	< 10
DISTILLED WATER	40°C for 10 Days	< 5.0	< 10
N-HEPTANE	38°C for 30 MIN	< 5.0	< 10

Tested Item:

1. Black Meal Box
2. Transparent Lid

4.COLOR RELEASE:

As Per Regulation EC 1935/2004, EU 2020/1245

Simulant Used	Test Condition	1 st Migration	2 nd Migration	3 rd Migration	Requirement
3% Acetic Acid	40° C For 10 Days	No color migrated	No color migrated	No color migrated	There shall be no color migrated
10% Ethanol	40° C For 10 Days	No color migrated	No color migrated	No color migrated	There shall be no color migrated
50% Ethanol	40° C For 10 Days	No color migrated	No color migrated	No color migrated	There shall be no color migrated
Distilled Water	40° C For 10 Days	No color migrated	No color migrated	No color migrated	There shall be no color migrated
N- Heptane	38 °C For 30 min	No color migrated	No color migrated	No color migrated	There shall be no color migrated

Tested Item: Black Meal Box

END OF TEST REPORT

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