

TEST REPORT

NUMBER : DELH23000939-A
DATE : 09TH MAY, 2023



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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: ELITE STRAINER (15 CM) (ASSORTED)

DATE RECEIVED : 28TH JAN, 2023
TEST PERFORMANCE DATE : 28TH JAN, 2023 TO 06TH FEB, 2023
BUYER'S NAME : --
BUYING AGENT/ CONTACT : --
ORDER NO. : --
BAR CODE : 8902084086364
STYLE NO. : HSN CODE: 39241090
COLOR : GREY BODY AND STAINLESS-STEEL MESH
END USE : STRAINING JUICES, SOUP, TEA, COFFEE
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, OVERALL MIGRATION, SPECIFIC MIGRATION OF HEAVY METAL, RESISTANCE TO CORROSION TEST, METAL COMPOSITION
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)	M
	TOTAL CADMIUM CONTENT (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
	DISHWASHER SAFE (As Per Intertek In-House Test Method (M0001-V05))	M
	OVERALL MIGRATION (Food Safety and Standards (Packaging) Regulations, 2018)	M
	SPECIFIC MIGRATION OF HEAVY METAL (Food Safety and Standards (Packaging) Regulations, 2018)	M
	RESISTANCE TO CORROSION (As Per ASTM B 117: 2019 (Mod.))	#
	METAL COMPOSITION (Spectrometer Analysis)	#

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

KAMAL SARDHANA
ASST. MANAGER - HARDLINE

Testing Remark: Test results have been incorporated from report no. DELH23000939 as per applicant's request.



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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 Grey Plastic: <10 ppm Silver metal mesh: <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 Grey Plastic: <10 ppm Silver metal mesh: <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
Submitted Sample	COMPLIES Not Detected	Shall Not Contain Any Detectable Levels of Bisphenol-A (BPA)

Detection Limit: 0.1 ppm

Tested Item: Grey Plastic

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	Requirement
Submitted Sample	COMPLIES (No visual change observed on sample after Testing)	Shall not show any chipping, cracking, glaze crazing or other visual change in appearance.



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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)	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 Mints	< 5.0	< 10

Tested Item: Grey Plastic

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)	
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: Grey Plastic

7. RESISTANCE TO CORROSION:

Method: As Per ASTM B 117:2019 (Mod.)

Testing Condition: (Neutral Salt Spray)

- (1) Sodium Chloride (NaCl) Solution Concentration: 10.6 gm/L
- (2) Fog Collection Volume: 1-2 ml/hrs.
- (3) pH: 6.78
- (4) Chamber Temperature: 35°C
- (5) Date of Loading: 30/01/2023
- (6) Date of Unloading: 31/01/2023
- (7) Exposure Period: 24 Hours

Tested Sample	Observation / Test Result	Requirement
Submitted Sample	(No visual change observed)	Not Provided



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8. METAL COMPOSITION:

Method: Spectrometer Analysis.

Sr. No	Elements	Result (%)
1	Iron	71.1
2	Chromium	18.07
3	Nickel	8.11
4	Manganese	1.67
5	Copper	0.47
6	Molybdenum	0.43

Tested Item: SS Mesh Part

Note: Sample was subcontracted and tested in Intertek's approved laboratory.

END OF TEST REPORT

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