

TEST REPORT

NUMBER : DELH23002922-AZ
DATE : 06TH APRIL, 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: PLASTIC STRAINER WITH S.S MESH (9.5 CM) (ASSORTED)

DATE RECEIVED : 11TH MAR, 2023
TEST PERFORMANCE DATE : 11TH MAR, 2023 TO 05TH APRIL, 2023
BUYER'S NAME : --
BUYING AGENT/ CONTACT : --
ORDER NO. : --
BAR CODE : 8902084012813
STYLE NO. : HSN CODE: 39241090
COLOR : INDIGO BODY AND STAINLESS-STEEL MESH
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), RESISTANCE TO CORROSION, 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 TEST (As Per Intertek In-House Test Method (M0001-V05))	M
	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.)	M
	RESISTANCE TO CORROSION (As Per ASTM B 117: 2019 (Mod.))	#
	METAL COMPOSITION (Spectrometer Analysis)	#

NOTE: M = MEET REQUIREMENT
= NO SPECIFIED REQUIREMENT

F = DO NOT MEET 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.



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AUTHORIZED BY
FOR INTERTEK INDIA PVT. LTD.

Kamal Sardhana

KAMAL SARDHANA
ASST. MANAGER - HARDLINE

Testing Remark: The test result of Stainless-Steel Mesh has been incorporated from report no. DELH23000939 & rest of all tests results have been incorporated from report no. DELH23002922 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 Indigo Plastic: <10 ppm Stainless-Steel 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 Indigo Plastic: <10 ppm Stainless-Steel 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: Indigo 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 (No visual change observed)	Shall not show any chipping, cracking, glaze crazing or other visual change in appearance.



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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/dm ²)			Requirement (mg/dm ²)
		1 st Migration	2 nd Migration	3 rd Migration	
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: Submitted Sample

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)

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: 100°C for 2 Hours

Test Parameter	Test Result (mg/kg)			Requirement (mg/kg)
	1 st Migration	2 nd Migration	3 rd 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	0.05 (Sum)
Gadolinium (Gd)	<0.01	<0.01	<0.01	
Lanthanum (La)	<0.01	<0.01	<0.01	
Terbium (Tb)	<0.01	<0.01	<0.01	

Tested Item: Submitted Sample

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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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

Tested Item: Stainless-Steel Mesh

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: Stainless-Steel Mesh

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

END OF TEST REPORT

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