TEST REPORT

Customer Address:

TEEMA PLASTIC INDUSTRY - L.L.C. –
S.P.C
3, 47 MAZYED, Al Ain 80239
Abu Dhabi
United Arab Emirates.

The following samples were submitted by the customer, and Identification is declared by the customer.

Product Description	Short Caps

SGS Job No	: DXB260004563.001
Sample Received on	: 19/08/2026
Test commencement Date	: 19/08/2026
Test Result Reporting Date	: 02/09/2026
Test Requested	: Please refer the test result
Test Method & Results	: Please refer the next page(s)

This report has been signed and stamped under the control of Laboratory Manager

Result Summary

Test Requested	**Conclusion.**
Specific Migration of Heavy Metals	PASS
Overall Migration	PASS
Sensory test	PASS
Specific Migration of Primary Aromatic Amines (PAAs)	PASS
Colour release	PASS
Specific Migration of Copolymer	PASS

* Subcontracted tests

Signed for and on behalf of:

SGS Gulf Limited

Shijin Zacaria
Section InCharge-Chem

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a) Specific Migration of heavy metals (3):

Method: Sample preparation in 3% Acetic Acid at 70 ^{0}C for 2 Hours with reference FL-SOP-TECH-137; followed by ICP-MS.

Test Item	Test Condition	Results (mg/kg) Sample No DXB260004563.001	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Aluminum (Al)	2 Hours at 70^{0}C	ND	0.2	1
Antimony (Sb)	2 Hours at 70^{0}C	ND	0.02	0.04
Arsenic (As)	2 Hours at 70^{0}C	ND	0.001	0.01
Barium (Ba)	2 Hours at 70^{0}C	ND	0.25	1.0
Cadmium (Cd)	2 Hours at 70^{0}C	ND	0.002	0.002
Chromium (Cr)	2 Hours at 70^{0}C	ND	0.01	0.01
Cobalt (Co)	2 Hours at 70^{0}C	ND	0.01	0.05
Copper (Cu)	2 Hours at 70^{0}C	ND	0.1	5
Iron (Fe)	2 Hours at 70^{0}C	ND	0.25	48
Lead (Pb)	2 Hours at 70^{0}C	ND	0.005	0.01
Lithium (Li)	2 Hours at 70^{0}C	ND	0.02	0.6
Manganese (Mn)	2 Hours at 70^{0}C	ND	0.25	0.6
Mercury (Hg)	2 Hours at 70^{0}C	ND	0.002	0.01
Nickel (Ni)	2 Hours at 70^{0}C	ND	0.003	0.02
Zinc (Zn)	2 Hours at 70^{0}C	ND	1	5
Europium (Eu)	2 Hours at 70^{0}C	ND	0.03	0.05
Gadolinium (Gd)	2 Hours at 70^{0}C	ND	0.03	0.05
Lanthanum (La)	2 Hours at 70^{0}C	ND	0.03	0.05
Terbium (Tb)	2 Hours at 70^{0}C	ND	0.03	0.05
Comment	--	**PASS**	--	--

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b) Overall Migration (1):

EUROPEAN COMMISSION REGULATION (EU) No 10/2011, BS EN 1186-1:2002,1186-3:2002

Method: With reference to FL-SOP-TECH-137 for selection of conditions and test methods:
Aqueous food simulant by Total immersion method.

Test Item	Test Condition	Results (mg/dm^2)	Reporting Limit (mg/dm^2)	Permissible Limit (mg/ dm^2)
		Sample No DXB260004563.001		
3 % Acetic acid	2 days at 40°C	<5.0	5.0	10
Distilled water	10 days at 15°C	<5.0	5.0	10
10 % Ethanol	2 days at 40°C	<5.0	5.0	10
Comment	**---**	**PASS**	**-- --**	**-- --**

c) COLOR MIGRATION (3):

EUROPEAN COMMISSION REGULATION (EU) No 10/2011.

Method: With reference to FL-SOP-TECH-183 for selection of conditions and test methods:

TEST MEDIA	TEST CONDITION	RESULTS (MG/KG)
		SAMPLE NO DXB260004563.001
3% Acetic acid (3)	5hrs at 50^0C	No visible colour Migration
Distilled water (3)	5hrs at 50^0C	No visible colour Migration
10 %Ethanol (3)	5hrs at 50^0C	No visible colour Migration
50 %Ethanol (3)	5hrs at 50^0C	No visible colour Migration
Comment	**PASS**	

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d) Sensorial Examination - Odor and Taste Test (3):

Method : FL-SOP-TECH-185 With reference to DIN 10955:2004-06. EN 1230-1:2009,EN 1230-2:2009
Test Condition : 25°C for 24 Hours
Test Media : Distilled Water
No. of Panelist : 6

Simulant Used	Results	Permissible Limit
	Sample No DXB260004563.001	
Sensorial examination odour (Intensity scale)	0	<1.5
Sensorial examination taste (Intensity scale)	0	<1.5
Comment	PASS	--
RATING SCALE:	ODOUR RATING	TASTE RATING
0	No perceptible odour	No perceptible taste change
1	Just perceptible odour	Just perceptible taste change
2	Moderate odour	Moderate taste change
3	Moderately strong odour	Moderately strong taste change
4	Strong odour	Strong taste change

e) Specific Migration of Primary Aromatic Amines in food contacting materials by LCMS/Ms (3):

Test method: FL-SOP-TECH-254/EN 13130-1/EU 2020-1245/GSO 2231/EU -10/EC 1907

Simulant: 10% ethanol; test condition: 70°c for 2 hours.

Amines	Result Sample No DXB260004563.001	LOQ	Unit	Conclusion
1,4 phenylene diamine (3)	Not Detected	2	µg/kg	Pass
2-Amino naphthalene (3)	Not Detected	2	µg/kg	Pass
2-Methyl-5-nitroaniline (3)	Not Detected	2	µg/kg	Pass
2,4-Diaminotoluene (3)	Not Detected	2	µg/kg	Pass
2,4-dimethylaniline (3)	Not Detected	2	µg/kg	Pass
2,4,5-Trimethyl aniline (3)	Not Detected	2	µg/kg	Pass
2,6-dimethylaniline (3)	Not Detected	2	µg/kg	Pass
3,3'-Dichloro benzidine (3)	Not Detected	2	µg/kg	Pass
3,3'-Dimethoxy benzidine (3)	Not Detected	2	µg/kg	Pass
3,3'-Dimethyl benzidine (3)	Not Detected	2	µg/kg	Pass
3,3'-Dimethyl-4,4'-diaminodiphenylmethane (3)	Not Detected	2	µg/kg	Pass
4-Aminobiphenyl (3)	Not Detected	2	µg/kg	Pass
4-Chloro-2-methylaniline (3)	Not Detected	2	µg/kg	Pass
4-Chloroaniline (3)	Not Detected	2	µg/kg	Pass

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4-methoxy-1,3-phenylediamine (3)	Not Detected	2	µg/kg	Pass
4-Phenyl azoaniline (3)	Not Detected	2	µg/kg	Pass
4,4'-Diaminodiphenylmethane (3)	Not Detected	2	µg/kg	Pass
4,4'-Methylenebis(2-chloroaniline) (3)	Not Detected	2	µg/kg	Pass
4,4'-Oxydianiline (3)	Not Detected	2	µg/kg	Pass
4,4'-Thiodianiline (3)	Not Detected	2	µg/kg	Pass
Aniline (3)	Not Detected	2	µg/kg	Pass
Benzidine (3)	Not Detected	2	µg/kg	Pass
o-Amino azotoluene (3)	Not Detected	2	µg/kg	Pass
o-Anisidine (3)	Not Detected	2	µg/kg	Pass
o-Toluidine (3)	Not Detected	2	µg/kg	Pass
P-cresidine (3)	Not Detected	2	µg/kg	Pass
Comment	**--**	**PASS**	**--**	**--**

f) Specific Migration of Copolymer (4):

TEST METHOD: EN 13130 with reference to commission regulation (EU) 2020/1245 of 2 September 2020 amending and correcting regulation (EU) no.10/2011 on plastic materials and articles intended to come into contact with food followed by analysis in GC-MS & with reference to GSO 2231.

Test Item	Test Condition	RESULTS (MG/KG)	Requirement (mg/kg)	Conclusion
1-Octene (4)	Acetic acid 70°C for 2 Hours	Not Detected	≤15	Pass
1-Hexene (4)	Acetic acid 70°C for 2 Hours	Not Detected	≤3	Pass
REMARK: ND- NOT DETECTED, DETECTION LIMIT: 1 MG/KG				

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Sample Photo

Revision comments: Customer address amended.

Statement of compliance: As per test conducted above the product it complies with EUROPEAN COMMISSION REGULATION (EU).

*(1) EIAC accredited parameter
*(2) GAC accredited parameter
*(3) IAS accredited parameter
*(4) Non-accredited parameter

Note: The test data is based on first migration result only.

***** End of Report *****

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