

Test Report No. SHAHG2105405102 A01 Date: 17 May 2021 Page 1 of 8

INICIATIVAS Y PROYECTOS HOSTELEROS S.L.

CALLE NEWTON, 1. EDIFICIO 2. NAVES 8 Y 9, PARQUE EMPRESARIAL NEINOR, 28914 LEGANES (MADRID) SPAIN

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.SHAHG2105405101.

The following sample(s) was/were submitted and identified on behalf of the clients as: TABLETOP BEER DISPENSERS TRITON CLASSIC+ 5L AND 5L MINI (FINISHED PRODUCT EU)

SGS Job No.: NBHL2103003696CW - NB

Buyer: INICIATIVAS Y PROYECTOS HOSTELEROS S.L. Item No.: PC MAKROLON 2456 550115 – 06PMON0210

Country of Origin: CHINA

Country of Destination: INTERNATIONAL

Client Ref. Information : T5C+21000

Date of Sample Received : 26 Mar 2021

Testing Period: 26 Mar 2021 - 04 May 2021

Test Requested: Selected test(s) as requested by client.

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

Result Summary:

Test Requested	Conclusion
(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-Overall migration	PASS
(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-Specific migration of bisphenol A(BPA)	PASS
(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-Specific migration of heavy metal and Ammonium	PASS



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Signed for and on behalf of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Danna Ji

Danna Ji Approved Signatory





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Test Results:

Test Part Description:

Specimen No. SGS Sample ID Description Material (claimed by the client)

PC SN₁ SHA21-054051.001 Transparent plastic part

Remarks:

(1) mg/dm² = milligram per square decimeter

(2) mg/kg = milligram per kilogram

(3) °C= degree Celsius

(4) < = less than

(5) MDL = Method Detection Limit

(6) ND = Not Detected (< MDL)

(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-Overall migration

Test Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and

Annex V for selection of condition and EN 1186-1:2002 for selection of test methods;

EN 1186-3: 2002 aqueous food simulants by total immersion method.

Simulant Used	<u>Time</u>	<u>Temperature</u>	Max. Permissible	Result of 001	Conclusion
			<u>Limit</u>	Overall migration	
50% Ethanol (V/V) Aqueous Solution (Third migration)	240.0hr(s)	40°C	10mg/dm²	<3.0mg/dm²	PASS
50% Ethanol (V/V) Aqueous Solution (Second migration)	240.0hr(s)	40°C	-	<3.0mg/dm²	
50% Ethanol (V/V) aqueous solution (First migration)	240.0hr(s)	40°C	-	<3.0mg/dm²	
Stability			-		YES

Notes:

- (1) Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
- (2) Test condition & simulant were specified by client.

(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-Specific migration of bisphenol A(BPA)

Test Method: With reference to EN 13130-1: 2004, analysis was performed by HPLC-FLD.

Sample 001

Simulant Used: 3% Acetic acid (W/V) aqueous solution



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Test Condition: 40 °C 72.0 hr(s)

Test Item(s)	Max. Permissible	<u>Unit</u>	<u>MDL</u>	Test result
	<u>Limit</u>			
Migration times	-	-	-	First
Area/volume	-	dm²/kg	-	6.0
Specific migration of bisphenol A	-	mg/kg	0.01	ND

Sample 001

Simulant Used: 3% Acetic acid (W/V) aqueous solution

Test Condition: 40 °C 72.0 hr(s)

Test Item(s)	Max. Permissible Limit	<u>Unit</u>	MDL	Test result
Migration times	-	-	-	Second
Area/volume	-	dm²/kg	-	6.0
Specific migration of bisphenol A	-	mg/kg	0.01	ND

Sample 001

Simulant Used: 3% Acetic acid (W/V) aqueous solution

Test Condition: 40 °C 72.0 hr(s)

Test Item(s)	Max. Permissible	<u>Unit</u>	<u>MDL</u>	Test result
	<u>Limit</u>			
Migration times	-	-	-	Third
Area/volume	-	dm²/kg	-	6.0
Specific migration of bisphenol A	0.05	mg/kg	0.01	ND
Stability	-	-	-	YES
Conclusion				PASS

Notes:

Test condition & simulant were specified by client

(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-Specific migration of heavy metal and **Ammonium**

Test Method: Ammonium: With reference to EN13130-1:2004, analysis was performed by IC.

Heavy metal: With reference to EN13130-1:2004, analysis was performed by ICP-OES and

ICP-MS.

Sample 001



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Simulant Used: 3% Acetic acid (W/V) aqueous solution

Test Condition: 40 °C 72.0 hr(s)

Test Item(s)	Max. Permissible	<u>Unit</u>	<u>MDL</u>	Test result
	<u>Limit</u>			
Migration times	-	-	-	First
Area/volume	-	dm²/kg	-	6.0
Ammonium	-	mg/kg	0.5	ND

Sample 001

Simulant Used: 3% Acetic acid (W/V) aqueous solution

Test Condition: 40 °C 72.0 hr(s)

Test Item(s)	Max. Permissible	<u>Unit</u>	<u>MDL</u>	Test result
	<u>Limit</u>			
Migration times	-	-	-	Second
Area/volume	-	dm²/kg	-	6.0
Ammonium	-	mg/kg	0.5	ND

Sample 001

Simulant Used: 3% Acetic acid (W/V) aqueous solution

40 °C 72.0 hr(s) Test Condition:

Test Item(s)	Max. Permissible Limit	<u>Unit</u>	<u>MDL</u>	Test result
Migration times	<u> </u>	_	_	Third
Area/volume	-	dm²/kg	-	6.0
Ammonium	-	mg/kg	0.5	ND

Sample 001

Simulant Used: 3% Acetic acid (W/V) aqueous solution

Test Condition: 40 °C 72.0 hr(s)

Test Item(s)	Max. Permissible <u>Limit</u>	<u>Unit</u>	MDL	Test result
Migration times	-	-	-	First
Area/volume	-	dm²/kg	-	6.0
Arsenic(As)	ND	mg/kg	0.01	ND
Cadmium(Cd)	ND	mg/kg	0.002	ND



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Chromium(Cr)		ND	mg/kg	0.01	ND
Mercury(Hg)		ND	mg/kg	0.01	ND
Lead(Pb)		ND	mg/kg	0.01	ND
Aluminium(Al)		-	mg/kg	0.1	ND
Barium(Ba)		-	mg/kg	0.25	ND
Cobalt(Co)		-	mg/kg	0.01	ND
Copper(Cu)		-	mg/kg	0.25	ND
Iron(Fe)		-	mg/kg	5	ND
Lithium(Li)		-	mg/kg	0.1	ND
Manganese(Mn)		-	mg/kg	0.1	ND
Zinc(Zn)		-	mg/kg	0.5	ND
Nickel(Ni)		-	mg/kg	0.01	ND
Antimony(Sb)		-	mg/kg	0.01	ND
Europium (Eu)		-	mg/kg	0.025	ND
Gadolinium(Gd)		-	mg/kg	0.025	ND
Lanthanum(La)		-	mg/kg	0.025	ND
Terbium(Tb)		-	mg/kg	0.025	ND
Europium (Eu)+ Gadolinium(Gd)+ La	nthanum(La)+	-	mg/kg	-	ND
Terbium(Tb)					
Potassium(K)		-	mg/kg	1	ND
Sodium(Na)		-	mg/kg	1	ND
Calcium(Ca)		-	mg/kg	1	ND
Magnesium(Mg)		-	mg/kg	1	ND

Sample 001

Simulant Used: 3% Acetic acid (W/V) aqueous solution

Test Condition: 40 °C 72.0 hr(s)

Test Item(s)	Max. Permissible	<u>Unit</u>	<u>MDL</u>	Test result
	<u>Limit</u>			
Migration times	-	-	-	Second
Area/volume	-	dm²/kg	-	6.0
Arsenic(As)	-	mg/kg	0.01	ND
Cadmium(Cd)	-	mg/kg	0.002	ND
Chromium(Cr)	-	mg/kg	0.01	ND
Mercury(Hg)	-	mg/kg	0.01	ND
Lead(Pb)	-	mg/kg	0.01	ND
Aluminium(Al)	-	mg/kg	0.1	ND
Barium(Ba)	-	mg/kg	0.25	ND
Cobalt(Co)	-	mg/kg	0.01	ND



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Copper(Cu)	-	mg/kg	0.25	ND
Iron(Fe)	-	mg/kg	5	ND
Lithium(Li)	-	mg/kg	0.1	ND
Manganese(Mn)	-	mg/kg	0.1	ND
Zinc(Zn)	-	mg/kg	0.5	ND
Nickel(Ni)	-	mg/kg	0.01	ND
Antimony(Sb)	-	mg/kg	0.01	ND
Europium (Eu)	-	mg/kg	0.025	ND
Gadolinium(Gd)	-	mg/kg	0.025	ND
Lanthanum(La)	-	mg/kg	0.025	ND
Terbium(Tb)	-	mg/kg	0.025	ND
Europium (Eu)+ Gadolinium(Gd)+ La	anthanum(La)+ -	mg/kg	-	ND
Terbium(Tb)				
Potassium (K)	-	mg/kg	1	ND
Sodium (Na)	-	mg/kg	1	ND
Calcium (Ca)	-	mg/kg	1	ND
Magnesium (Mg)	-	mg/kg	1	ND

Sample 001

Simulant Used: 3% Acetic acid (W/V) aqueous solution

Test Condition: 40 °C 72.0 hr(s)

Test Item(s)	Max. Permissible	<u>Unit</u>	<u>MDL</u>	Test result
	<u>Limit</u>			
Migration times	-	-	-	Third
Area/volume	-	dm²/kg	-	6.0
Arsenic(As)	ND	mg/kg	0.01	ND
Cadmium(Cd)	ND	mg/kg	0.002	ND
Chromium(Cr)	ND	mg/kg	0.01	ND
Mercury(Hg)	ND	mg/kg	0.01	ND
Lead(Pb)	ND	mg/kg	0.01	ND
Aluminium(Al)	1	mg/kg	0.1	ND
Barium(Ba)	1	mg/kg	0.25	ND
Cobalt(Co)	0.05	mg/kg	0.01	ND
Copper(Cu)	5	mg/kg	0.25	ND
Iron(Fe)	48	mg/kg	5	ND
Lithium(Li)	0.6	mg/kg	0.1	ND
Manganese(Mn)	0.6	mg/kg	0.1	ND
Zinc(Zn)	5	mg/kg	0.5	ND
Nickel(Ni)	0.02	mg/kg	0.01	ND



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Antimony(Sb)		0.04	mg/kg	0.01	ND
Europium (Eu)		-	mg/kg	0.025	ND
Gadolinium(Gd)		-	mg/kg	0.025	ND
Lanthanum(La)		-	mg/kg	0.025	ND
Terbium(Tb)		-	mg/kg	0.025	ND
Europium (Eu)+ Gadolinium(Gd)+ L	.anthanum(La)+	0.05	mg/kg	-	ND
Terbium(Tb)					
Stability		-	-	-	YES
Conclusion					PASS
Potassium(K)		-	mg/kg	1	ND
Calcium(Ca)		-	mg/kg	1	ND
Sodium(Na)		-	mg/kg	1	ND
Magnesium(Mg)		-	mg/kg	1	ND

Notes:

(1) Test condition & simulant were specified by client.

This report updates Item No.

Sample photo:



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