

## Test Report

Date: 05 Jul 2022

Page 1 of 5

Client Name : STAY-WELL, DK APS

Client Address : ALGADE 68C, 2, 5500, MIDDELFART DENMARK

Sample Name : PP PLASTIC LID

Country of Origin : CHINA

Country of Destination : DENMARK

Requested Age Grading : 2YEARS

The above sample(s) and information were provided by the client.

Date of Sample Received : 29 Jun 2022

Testing Period : 29 Jun 2022 - 05 Jul 2022

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

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

Test Result(s) : 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 heavy metal	PASS
(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation -Specific migration of primary aromatic amine (total)	PASS

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

*Xiang Zhou*

Xiang Zhou  
Approved Signatory



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Page 2 of 5

Test Result(s) :

Test Part Description :

Specimen No.	Description	Material (claimed by the client)
SN1	White plastic lid	PP

Remarks :

- (1) mg/dm<sup>2</sup> = 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;

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Overall migration</u>	<u>Conclusion</u>
3% Acetic acid (W/V) aqueous solution (First migration)	2.0hr(s)	70°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS
50% Ethanol (V/V) aqueous solution (First migration)	2.0hr(s)	70°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS
Area/Volume			-	11.2dm <sup>2</sup> /kg	

Notes :

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



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

Test Method : With reference to EN13130-1:2004, analysis was performed by ICP-OES and ICP-MS.

**Sample 001**

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

Test Condition : 70 °C 2.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	First
Area/volume	-	dm <sup>2</sup> /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
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)+ Lanthanum(La)+ Terbium(Tb)	0.05	mg/kg	-	ND
<b>Conclusion</b>				<b>PASS</b>

Notes :

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



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**(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation -Specific migration of primary aromatic amine (total)**

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

**Sample 001**

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

Test Condition : 2.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	First
Area/volume	-	dm <sup>2</sup> /kg	-	6
Specific migration of primary aromatic amine	0.01	mg/kg	0.002	ND
<b>Conclusion</b>				<b>PASS</b>

Notes :

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

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (  $w=0$ ) stated in ILAC-G8:09/2019.



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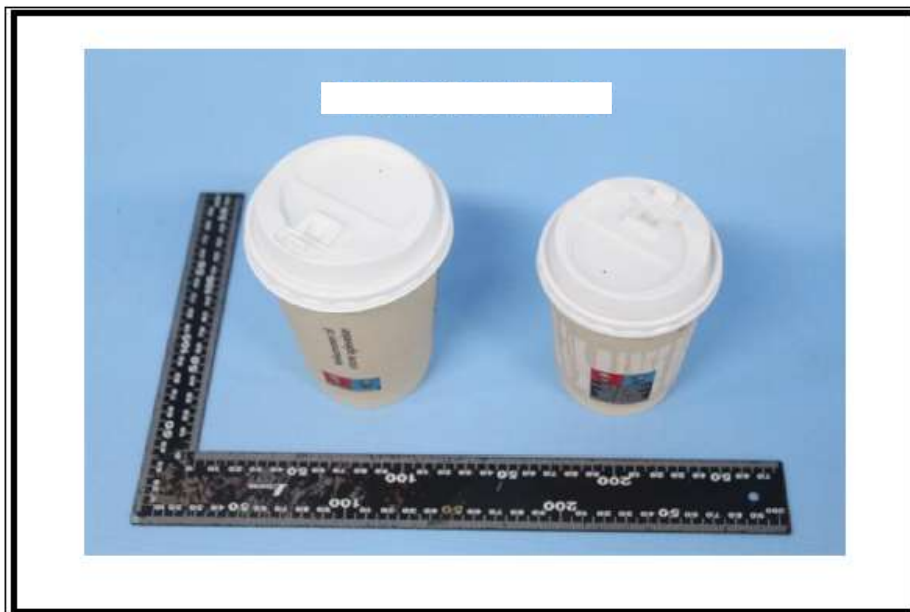
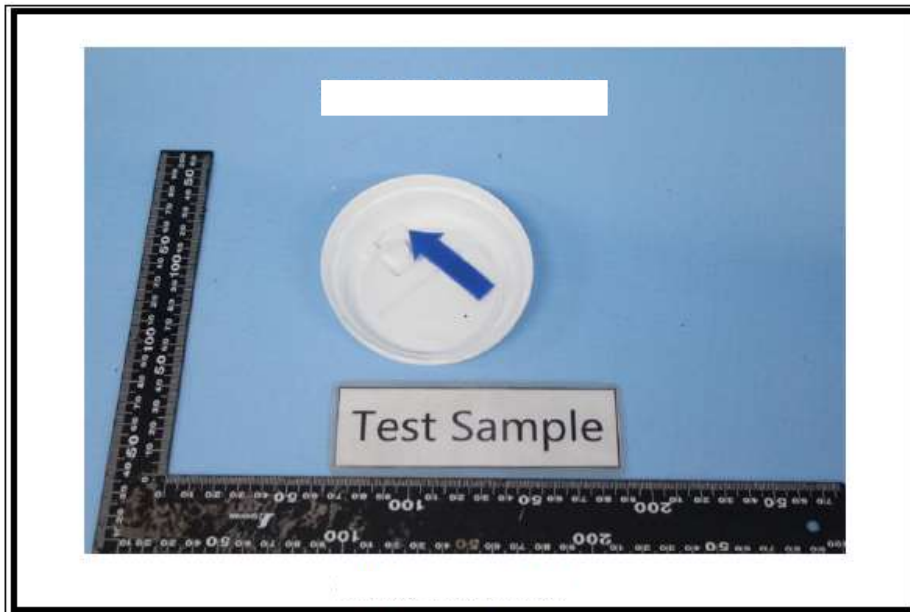
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