

The following sample(s) was/were submitted and identified on behalf of the clients as : Coffeemaker parts

SGS Job No. : CP17-001071 - GZ  
 Client Ref. Info. : Uesd for HB93XXXseries;HB88XXXseries;HB98XXXseries, XX represents 00-99 number  
 Date of Final Sample Received : 22 Mar 2017  
 Date of Sample Received : 06 Jan 2017  
 Testing Period : 06 Jan 2017 - 31 Mar 2017  
 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
Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– Overall migration	PASS
Council of Europe Resolution AP (2004) 5 – Overall migration	PASS
European Council Directive 84/500/EEC & its amendment 2005/31/EC– Leachable Lead and Cadmium	PASS
Commission Regulation (EU) No 10/2011 of 14 January 2011 and Commission Regulation (EU) No 284/2011 of 22 March 2011 – Specific Migration of Primary Aromatic Amine	PASS
Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– Specific migration of Formaldehyde	PASS
Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– Specific Migration of Heavy Metal	PASS
Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– Specific Migration of Hexamethylenediamine	PASS
Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments – Specific Migration of Acrylonitrile	PASS
Council of Europe Resolution CM/Res(2013)9–Extractable heavy metals	PASS



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**Test Report**

No. CANEC1700380406

Date: 18 May 2017

Page 2 of 20

Conclusion : The tested parameters comply with the requirement stated in Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004.

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Ivy Ren  
Approved Signatory



# Test Report

No. CANEC1700380406

Date: 18 May 2017

Page 3 of 20

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN17-003804.001	Silver-gray metal bottle	stainless steel
SN2	CAN17-003804.002	Silver-gray metal spring	stainless steel
SN3	CAN17-003804.003	Glass ware	glass
SN4	CAN17-003804.004	Silvery metal tube	aluminum alloy
SN5	CAN17-003804.006	Black plastic (6#)	PP
SN6	CAN17-003804.007	Translucent plastic tube	PP
SN7	CAN17-003804.009	Black plastic (9#)	PPO
SN8	CAN17-003804.010	Black plastic (10#)	POM
SN9	CAN17-003804.011	White plastic mesh	PA66
SN10	CAN17-003804.013	Transparent plastic (8#)	AS
SN11	CAN17-003804.014	Translucent silicone rubber tube	silicone rubber

**Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– 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; or EN 1186-3:2002 aqueous food simulants by total immersion method; or EN 1186-9:2002 aqueous food simulants by article filling method;

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 006 Overall Migration</u>	<u>Comment</u>
20% Ethanol (V/V) Aqueous Solution	1.0hr(s)	100°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 007 Overall Migration</u>	<u>Comment</u>
20% Ethanol (V/V) Aqueous Solution	1.0hr(s)	100°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 009 Overall Migration</u>	<u>Comment</u>
20% Ethanol (V/V) Aqueous Solution	1.0hr(s)	100°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 010 Overall Migration</u>	<u>Comment</u>
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## Test Report

No. CANEC1700380406

Date: 18 May 2017

Page 4 of 20

20% Ethanol (V/V) Aqueous Solution 1.0hr(s) 100°C 10mg/dm<sup>2</sup> <3.0mg/dm<sup>2</sup> PASS

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 011 Overall Migration</u>	<u>Comment</u>
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20% Ethanol (V/V) Aqueous Solution 1.0hr(s) 100°C 10mg/dm<sup>2</sup> <3.0mg/dm<sup>2</sup> PASS

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 013 Overall Migration</u>	<u>Comment</u>
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20% Ethanol (V/V) Aqueous Solution 1.0hr(s) 100°C 10mg/dm<sup>2</sup> <3.0mg/dm<sup>2</sup> PASS

### Notes :

1. mg/dm<sup>2</sup> = milligram per square decimeter  
mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. The test data is obtained by considering the articles intended for repeated use as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V. Report the 3rd extractive result.

### Council of Europe Resolution AP (2004) 5 – 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; or 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 014 Overall Migration</u>	<u>Comment</u>
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20% Ethanol (V/V) Aqueous Solution 1.0hr(s) 100°C 10mg/dm<sup>2</sup> <3.0mg/dm<sup>2</sup> PASS

### Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with  
mg/dm<sup>2</sup> = milligram per square decimeter
2. °C = degree Celsius
3. The test data is obtained by considering the articles intended for repeated use as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V. Report the 3rd extractive result.

### European Council Directive 84/500/EEC & its amendment 2005/31/EC – Leachable Lead and Cadmium

Test Method : With reference to European Directive 84/500/EEC and its amendment 2005/31/EC. Analysis was performed by ICP-OES.

**Sample 003** Category 2



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# Test Report

No. CANEC1700380406

Date: 18 May 2017

Page 5 of 20

	<u>Vol. of 4%HAc used (mL)</u>	<u>Depth (mm)</u>
1	1600	140
	<u>Leachable Lead (mg/L)</u>	<u>Leachable Cad- mium (mg/L)</u>
1	<0.1	<0.01
Limit	4.0	0.3

**Notes :**

Category 1: Articles that cannot be filled and articles that can be filled, the internal depth of which does not exceed 25 mm.

Category 2: Articles, not in categories 1 or 3, which can be filled.

Category 3: Cooking ware; packaging and storage vessels having a capacity of more than three liters.

**Commission Regulation (EU) No 10/2011 of 14 January 2011 and Commission Regulation (EU) No 284/2011 of 22 March 2011 – Specific Migration of Primary Aromatic Amine**

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

**Sample 011**

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

Test Condition : 100 °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	-	-	-	1st
Area/Volume	-	dm <sup>2</sup> /kg	-	6.0
2,4,5-Trimethylaniline(2,4,5-TMA)	-	mg/kg	0.002	ND
2,4-Dimethylaniline(2,4-DMA)	-	mg/kg	0.002	ND
2,4-Toluenediamine(2,4-TDA)	-	mg/kg	0.002	ND
2,6-Dimethylaniline(2,6-DMA)	-	mg/kg	0.002	ND
2,6-Toluenediamine(2,6-TDA)	-	mg/kg	0.002	ND
2-Methoxy-5-Methylaniline(2-M-5-MA)	-	mg/kg	0.002	ND
3,3-Dimethylbenzidine(3,3-DMB)	-	mg/kg	0.002	ND
4,4-Diaminodiphenylether(4,4-DPE)	-	mg/kg	0.002	ND
4,4'-Methylenedianiline(4,4-MDA)	-	mg/kg	0.002	ND
4,4-Methylenedi-o-toluidine(4,4-MDoT)	-	mg/kg	0.002	ND
4-Aminobiphenyl(4-ABP)	-	mg/kg	0.002	ND



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## Test Report

No. CANEC1700380406

Date: 18 May 2017

Page 6 of 20

4-Chloro-Aniline(4-CA)	-	mg/kg	0.002	ND
4-Chloro-o-Toluidine(4-CoT)	-	mg/kg	0.002	ND
Aniline(ANL)	-	mg/kg	0.002	ND
4-Methoxy-mphenylenediamine(4-M-mPDA)	-	mg/kg	0.002	ND
Benzidine(BNZ)	-	mg/kg	0.002	ND
m-Phenylenediamine((m-PDA)	-	mg/kg	0.002	ND
o-Anisidine(o-ASD)	-	mg/kg	0.002	ND
o-Toluidine(O-T)	-	mg/kg	0.002	ND
p-Phenylenediamine(p-PDA)	-	mg/kg	0.002	ND
Total	0.01	mg/kg	0.002	ND

**Comment**

**PASS**

Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND= Not Detected(less than MDL)
5. Test condition was referred to EU JRC guidelines EUR 24815 EN 2011, in support of Commission Regulation (EU) No 284/2011 of 22 March 2011.

### Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments–Specific migration of Formaldehyde

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 13130-1:2004 for selection of test method, analysis was performed by UV-Vis.

### Sample 010

Simulant Used : 20% Ethanol (V/V) Aqueous Solution

Test Condition : 100 °C 0.5 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	3rd
Area/Volume	-	dm <sup>2</sup> /kg	-	6.0
Specific migration of Formaldehyde	15	mg/kg	0.1	ND

**Comment**

**PASS**

Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius



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- 3. MDL=Method Detection Limit
- 4. ND= Not Detected(less than MDL)

**Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments–Specific Migration of Heavy Metal**

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 EN13130-1:2004 for selection of test method, analysis was performed by ICP-OES.

**Sample 006**

Simulant Used : 20% Ethanol (V/V) Aqueous Solution  
 Test Condition : 100 °C 0.5 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	3rd
Area/Volume	-	dm <sup>2</sup> /kg	-	6.0
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	25	mg/kg	0.5	ND
<b>Comment</b>				<b>PASS</b>

**Sample 007**

Simulant Used : 20% Ethanol (V/V) Aqueous Solution  
 Test Condition : 100 °C 0.5 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	3rd
Area/Volume	-	dm <sup>2</sup> /kg	-	6.0
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND



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## Test Report

No. CANEC1700380406

Date: 18 May 2017

Page 8 of 20

Manganese	0.6	mg/kg	0.25	ND
Zinc	25	mg/kg	0.5	ND
<b>Comment</b>				<b>PASS</b>

### Sample 009

Simulant Used : 20% Ethanol (V/V) Aqueous Solution

Test Condition : 100 °C 0.5 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	3rd
Area/Volume	-	dm <sup>2</sup> /kg	-	6.0
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	25	mg/kg	0.5	ND
<b>Comment</b>				<b>PASS</b>

### Sample 010

Simulant Used : 20% Ethanol (V/V) Aqueous Solution

Test Condition : 100 °C 0.5 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	3rd
Area/Volume	-	dm <sup>2</sup> /kg	-	6.0
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	25	mg/kg	0.5	ND
<b>Comment</b>				<b>PASS</b>

### Sample 011

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## Test Report

No. CANEC1700380406

Date: 18 May 2017

Page 9 of 20

Simulant Used : 20% Ethanol (V/V) Aqueous Solution

Test Condition : 100 °C 0.5 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	3rd
Area/Volume	-	dm <sup>2</sup> /kg	-	6.0
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	25	mg/kg	0.5	ND
<b>Comment</b>				<b>PASS</b>

### Sample 013

Simulant Used : 20% Ethanol (V/V) Aqueous Solution

Test Condition : 100 °C 0.5 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	3rd
Area/Volume	-	dm <sup>2</sup> /kg	-	6.0
Barium	1	mg/kg	0.25	ND
Cobalt	0.5	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	25	mg/kg	0.5	ND
<b>Comment</b>				<b>PASS</b>

### Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND= Not Detected(less than MDL)

### Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– Specific Migration of Hexamethylenediamine



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## Test Report

No. CANEC1700380406

Date: 18 May 2017

Page 10 of 20

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 13130-1:2004 for selection of test method. Analysis was performed by GC-MS.

### Sample 011

Simulant Used : 20% Ethanol (V/V) Aqueous Solution

Test Condition : 100 °C 0.5 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	3rd
Area/Volume	-	dm <sup>2</sup> /kg	-	6.0
Specific migration of Hexamethylenediamine	2.4	mg/kg	1.0	ND
<b>Comment</b>				<b>PASS</b>

Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND = Not Detected(less than MDL)

### Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments –Specific Migration of Acrylonitrile

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 EN13130-1:2004 for selection of test method, analysis was performed by SPME-GC-MS.

### Sample 013

Simulant Used : 20% Ethanol (V/V) Aqueous Solution

Test Condition : 100 °C 0.5 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	1st
Area/Volume	-	dm <sup>2</sup> /kg	-	6.0
Specific Migration of Acrylonitrile	0.01	mg/kg	0.01	ND
<b>Comment</b>				<b>PASS</b>

Notes :



- 1. mg/kg = milligram per kilogram of foodstuff in contact with
- 2. °C = degree Celsius
- 3. MDL=Method Detection Limit
- 4. ND= Not Detected(less than MDL)

**Council of Europe Resolution CM/Res(2013)9–Extractable heavy metals**

Test Method : With reference to EN13130-1:2004 for selection of test method; analysis was performed by ICP-OES and ICP-MS.

**Sample 001:**

Simulant Used : Artificial tap water

Test Condition : 100 °C 0.5 hr(s)

The ratio of surface area to volume ratio was : 4.2 dm<sup>2</sup>/kg

Test Item(s)	Limit	Unit	MDL	1st + 2nd Migration
Aluminium(Al)	35	mg/kg	0.2	ND
Antimony(Sb)	0.28	mg/kg	0.02	ND
Chromium(Cr)	1.75	mg/kg	0.1	ND
Cobalt(Co)	0.14	mg/kg	0.01	ND
Copper(Cu)	28	mg/kg	0.1	ND
Iron(Fe)	280	mg/kg	0.25	ND
Manganese(Mn)	12.6	mg/kg	0.25	ND
Molybdenum(Mo)	0.84	mg/kg	0.02	ND
Nickel(Ni)	0.98	mg/kg	0.05	ND
Silver(Ag)	0.56	mg/kg	0.03	ND
Tin (Sn)	700	mg/kg	5	ND
Vanadium(V)	0.07	mg/kg	0.005	ND
Zinc(Zn)	35	mg/kg	1	ND
Arsenic(As)	0.014	mg/kg	0.001	ND
Barium(Ba)	8.4	mg/kg	0.25	ND
Beryllium(Be)	0.07	mg/kg	0.005	ND
Cadmium(Cd)	0.035	mg/kg	0.002	ND
Lead(Pb)	0.07	mg/kg	0.005	ND
Lithium(Li)	0.336	mg/kg	0.02	ND
Mercury(Hg)	0.021	mg/kg	0.002	ND
Thallium(Tl)	0.0007	mg/kg	0.0001	ND

Test Item(s)	Limit	Unit	MDL	3rd Migration
Aluminium(Al)	5	mg/kg	0.2	ND
Antimony(Sb)	0.04	mg/kg	0.02	ND
Chromium(Cr)	0.25	mg/kg	0.1	ND
Cobalt(Co)	0.02	mg/kg	0.01	ND
Copper(Cu)	4	mg/kg	0.1	ND



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## Test Report

No. CANEC1700380406

Date: 18 May 2017

Page 12 of 20

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>3rd Migration</u>
Iron(Fe)	40	mg/kg	0.25	ND
Manganese(Mn)	1.8	mg/kg	0.25	ND
Molybdenum(Mo)	0.12	mg/kg	0.02	ND
Nickel(Ni)	0.14	mg/kg	0.05	ND
Silver(Ag)	0.08	mg/kg	0.03	ND
Tin (Sn)	100	mg/kg	5	ND
Vanadium(V)	0.01	mg/kg	0.005	ND
Zinc(Zn)	5	mg/kg	1	ND
Arsenic(As)	0.002	mg/kg	0.001	ND
Barium(Ba)	1.2	mg/kg	0.25	ND
Beryllium(Be)	0.01	mg/kg	0.005	ND
Cadmium(Cd)	0.005	mg/kg	0.002	ND
Lead(Pb)	0.01	mg/kg	0.005	ND
Lithium(Li)	0.048	mg/kg	0.02	ND
Mercury(Hg)	0.003	mg/kg	0.002	ND
Thallium(Tl)	0.0001	mg/kg	0.0001	ND

### Sample 002:

Simulant Used : Artificial tap water

Test Condition : 100 °C 0.5 hr(s)

The ratio of surface area to volume ratio was : 6.0 dm<sup>2</sup>/kg

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>1st + 2nd Migration</u>
Aluminium(Al)	35	mg/kg	0.2	ND
Antimony(Sb)	0.28	mg/kg	0.02	ND
Chromium(Cr)	1.75	mg/kg	0.1	ND
Cobalt(Co)	0.14	mg/kg	0.01	ND
Copper(Cu)	28	mg/kg	0.1	ND
Iron(Fe)	280	mg/kg	0.25	ND
Manganese(Mn)	12.6	mg/kg	0.25	ND
Molybdenum(Mo)	0.84	mg/kg	0.02	ND
Nickel(Ni)	0.98	mg/kg	0.05	ND
Silver(Ag)	0.56	mg/kg	0.03	ND
Tin (Sn)	700	mg/kg	5	ND
Vanadium(V)	0.07	mg/kg	0.005	ND
Zinc(Zn)	35	mg/kg	1	ND
Arsenic(As)	0.014	mg/kg	0.001	ND
Barium(Ba)	8.4	mg/kg	0.25	ND
Beryllium(Be)	0.07	mg/kg	0.005	ND
Cadmium(Cd)	0.035	mg/kg	0.002	ND
Lead(Pb)	0.07	mg/kg	0.005	ND
Lithium(Li)	0.336	mg/kg	0.02	ND



## Test Report

No. CANEC1700380406

Date: 18 May 2017

Page 13 of 20

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>1st + 2nd Migration</u>
Mercury(Hg)	0.021	mg/kg	0.002	ND
Thallium(Tl)	0.0007	mg/kg	0.0001	ND
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>3rd Migration</u>
Aluminium(Al)	5	mg/kg	0.2	ND
Antimony(Sb)	0.04	mg/kg	0.02	ND
Chromium(Cr)	0.25	mg/kg	0.1	ND
Cobalt(Co)	0.02	mg/kg	0.01	ND
Copper(Cu)	4	mg/kg	0.1	ND
Iron(Fe)	40	mg/kg	0.25	ND
Manganese(Mn)	1.8	mg/kg	0.25	ND
Molybdenum(Mo)	0.12	mg/kg	0.02	ND
Nickel(Ni)	0.14	mg/kg	0.05	ND
Silver(Ag)	0.08	mg/kg	0.03	ND
Tin (Sn)	100	mg/kg	5	ND
Vanadium(V)	0.01	mg/kg	0.005	ND
Zinc(Zn)	5	mg/kg	1	ND
Arsenic(As)	0.002	mg/kg	0.001	ND
Barium(Ba)	1.2	mg/kg	0.25	ND
Beryllium(Be)	0.01	mg/kg	0.005	ND
Cadmium(Cd)	0.005	mg/kg	0.002	ND
Lead(Pb)	0.01	mg/kg	0.005	ND
Lithium(Li)	0.048	mg/kg	0.02	ND
Mercury(Hg)	0.003	mg/kg	0.002	ND
Thallium(Tl)	0.0001	mg/kg	0.0001	ND

### Sample 004:

Simulant Used : Artificial tap water

Test Condition : 100 °C 0.5 hr(s)

The ratio of surface area to volume ratio was : 6.0 dm<sup>2</sup>/kg

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>1st + 2nd Migration</u>
Aluminium(Al)	35	mg/kg	0.2	0.6
Antimony(Sb)	0.28	mg/kg	0.02	ND
Chromium(Cr)	1.75	mg/kg	0.1	ND
Cobalt(Co)	0.14	mg/kg	0.01	ND
Copper(Cu)	28	mg/kg	0.1	ND
Iron(Fe)	280	mg/kg	0.25	ND
Manganese(Mn)	12.6	mg/kg	0.25	ND
Molybdenum(Mo)	0.84	mg/kg	0.02	ND
Nickel(Ni)	0.98	mg/kg	0.05	ND
Silver(Ag)	0.56	mg/kg	0.03	ND
Tin (Sn)	700	mg/kg	5	ND



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# Test Report

No. CANEC1700380406

Date: 18 May 2017

Page 14 of 20

Test Item(s)	Limit	Unit	MDL	1st + 2nd Migration
Vanadium(V)	0.07	mg/kg	0.005	ND
Zinc(Zn)	35	mg/kg	1	ND
Arsenic(As)	0.014	mg/kg	0.001	ND
Barium(Ba)	8.4	mg/kg	0.25	ND
Beryllium(Be)	0.07	mg/kg	0.005	ND
Cadmium(Cd)	0.035	mg/kg	0.002	ND
Lead(Pb)	0.07	mg/kg	0.005	ND
Lithium(Li)	0.336	mg/kg	0.02	ND
Mercury(Hg)	0.021	mg/kg	0.002	ND
Thallium(Tl)	0.0007	mg/kg	0.0001	ND
Test Item(s)	Limit	Unit	MDL	3rd Migration
Aluminium(Al)	5	mg/kg	0.2	1.0
Antimony(Sb)	0.04	mg/kg	0.02	ND
Chromium(Cr)	0.25	mg/kg	0.1	ND
Cobalt(Co)	0.02	mg/kg	0.01	ND
Copper(Cu)	4	mg/kg	0.1	ND
Iron(Fe)	40	mg/kg	0.25	ND
Manganese(Mn)	1.8	mg/kg	0.25	ND
Molybdenum(Mo)	0.12	mg/kg	0.02	ND
Nickel(Ni)	0.14	mg/kg	0.05	ND
Silver(Ag)	0.08	mg/kg	0.03	ND
Tin (Sn)	100	mg/kg	5	ND
Vanadium(V)	0.01	mg/kg	0.005	ND
Zinc(Zn)	5	mg/kg	1	ND
Arsenic(As)	0.002	mg/kg	0.001	ND
Barium(Ba)	1.2	mg/kg	0.25	ND
Beryllium(Be)	0.01	mg/kg	0.005	ND
Cadmium(Cd)	0.005	mg/kg	0.002	ND
Lead(Pb)	0.01	mg/kg	0.005	ND
Lithium(Li)	0.048	mg/kg	0.02	ND
Mercury(Hg)	0.003	mg/kg	0.002	ND
Thallium(Tl)	0.0001	mg/kg	0.0001	ND

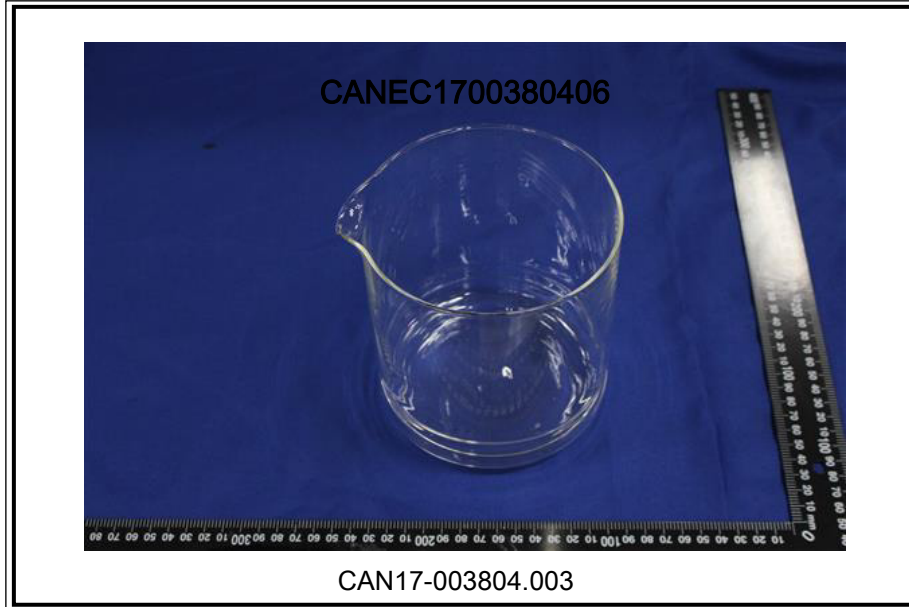
Notes :

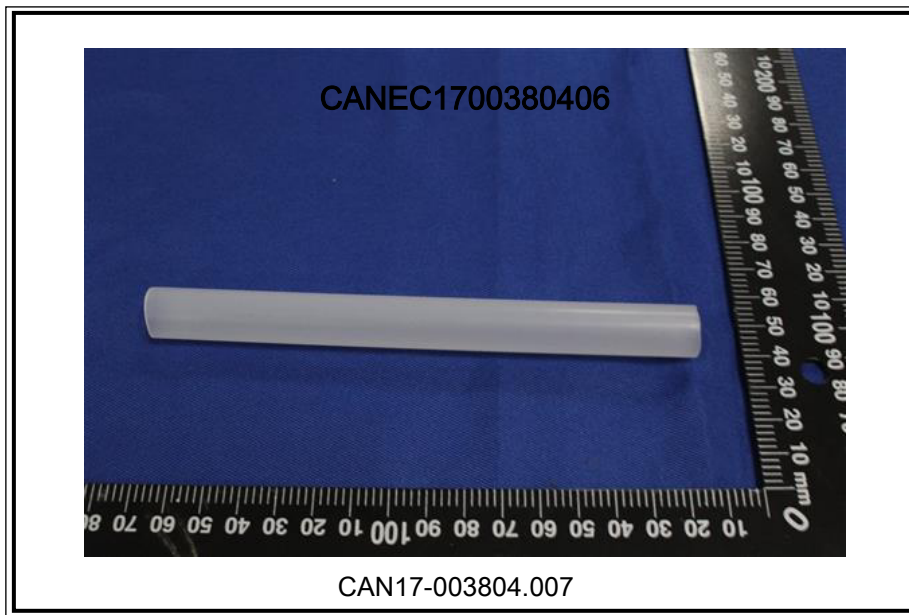
1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL = Method Detection Limit
4. ND = Not Detected ( < MDL)
5. Acidic foodstuff is not considered for compliance.



Sample photo:







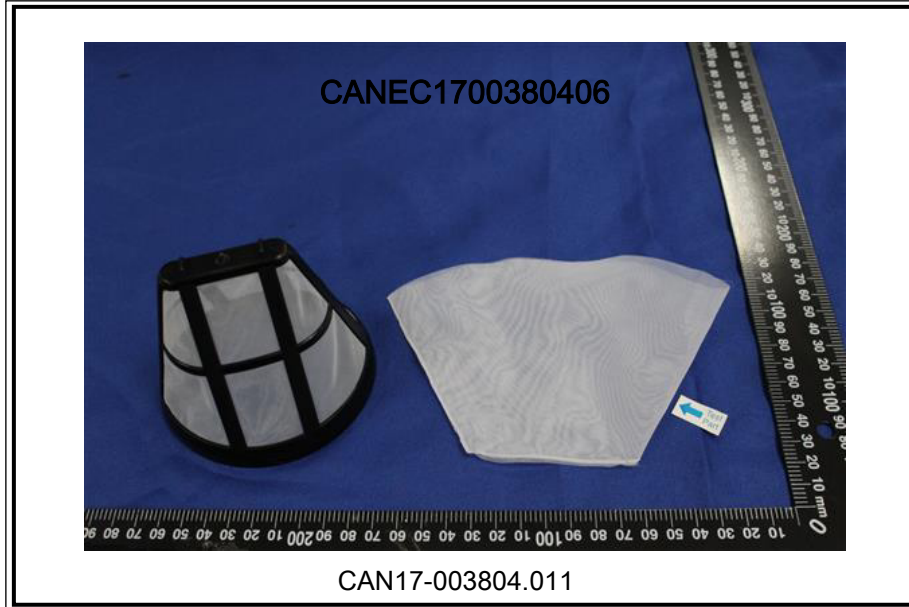
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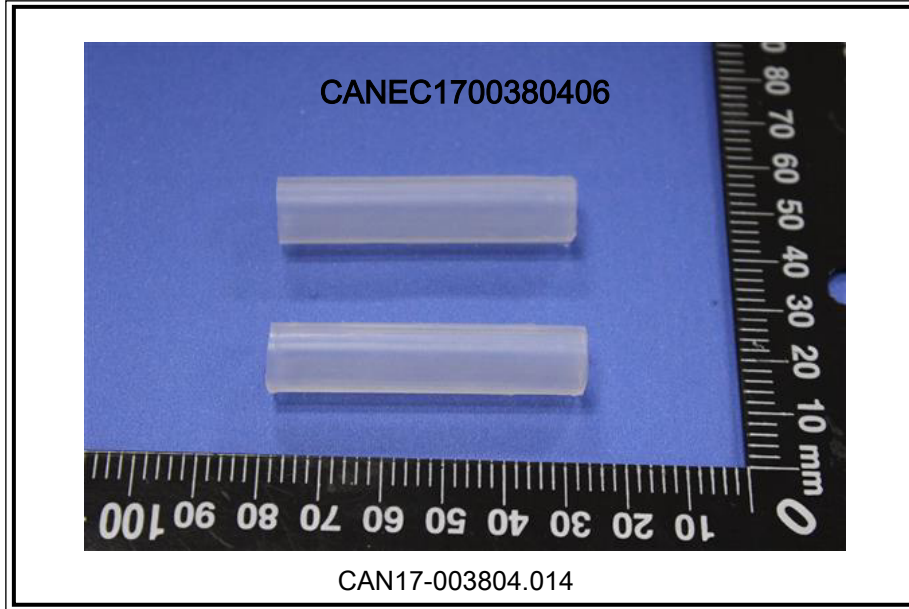
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