

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

SGS Job No. : GZHL1608034259CW - GZ  
 Date of Sample Received : 10 Aug 2016  
 Testing Period : 10 Aug 2016 - 23 Aug 2016  
 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
FDA 21 CFR 177.1630–Chloroform-soluble extractive residues	PASS
Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– Overall migration	PASS
Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– Specific Migration of Heavy Metal	PASS

**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. The tested parameters comply with the requirement stating under Food and Drug Administration Regulations.

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



Ivy Ren  
 Approved Signatory



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**Test Report**

No. CANHG1615693401

Date: 23 Aug 2016

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN16-156934.001	Transparent plastic container	PET

FDA 21 CFR 177.1630—Chloroform-soluble extractive residues

Test Method : With reference to US FDA 21 CFR 177.1630.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001</u>	<u>Comment</u>
Distilled Water	24.0hr(s)	120°F	0.5mg/sq.in	<0.1mg/sq. in	PASS
n-Heptane	24.0hr(s)	120°F	0.5mg/sq.in	<0.1mg/sq. in	PASS
8% Ethanol	24.0hr(s)	120°F	0.5mg/sq.in	<0.1mg/sq. in	PASS

Notes :

mg/inch<sup>2</sup>= milligram per square inch

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 1186-9:2002 aqueous food simulants by article filling method;  
or EN1186-2:2002 olive oil 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>Comment</u>
3% Acetic Acid (W/V) Aqueous Solution	240.0hr(s)	40°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS
50% Ethanol (V/V) Aqueous Solution	240.0hr(s)	40°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS
Rectified Olive Oil	240.0hr(s)	40°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



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SGS-OSTC  
Guangzhou Branch Testing Center/Certification Laboratory

198 Kexu Road, Science Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075113 www.sgs.com.cn  
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075113 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

**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 001**

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution

Test Condition : 40 °C 240.0 hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Migration times	-	-	-	1st
Area/Volume	-	sq.dm/kg	-	7.5
Extractable Barium	1	mg/kg	0.25	ND
Extractable Cobalt	0.05	mg/kg	0.01	ND
Extractable Copper	5	mg/kg	0.25	ND
Extractable Iron	48	mg/kg	0.25	ND
Extractable Lithium	0.6	mg/kg	0.5	ND
Extractable Manganese	0.6	mg/kg	0.25	ND
Extractable Zinc	25	mg/kg	0.5	ND
<b>Comment</b>				<b>PASS</b>

Notes :

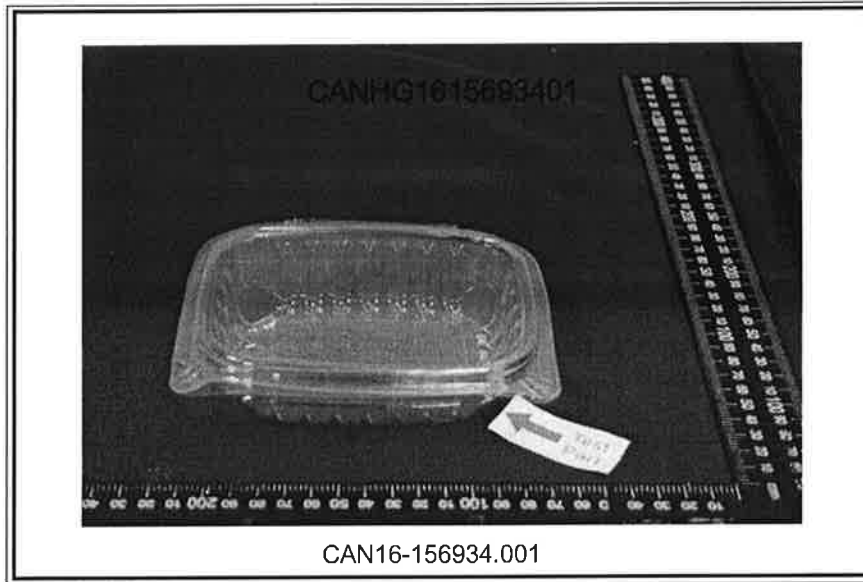
1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND= Not Detected(less than MDL)



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

