Test Report

No. CANEC1815113101 Date: 07 Aug 2018 Page 1 of 6

FLASHBAY ELECTRONICS

BLDG. NO.1 101~501, BLDG. NO.2, BLDG. NO. 3 1~4F, XIFENGCHENG INDUSTRIAL PARK, NO. 2 FUYUAN RD, HEPING, FUHAI, BAO'AN DISTRICT, SHENZHEN CITY，GUANGDONG PROVINCE, P.R. CHINA

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

SGS Job No. :	CP18-038738 - SZ
Model No. :	Vita
Date of Sample Received :	25 Jul 2018
Testing Period :	25 Jul 2018 - 07 Aug 2018
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 175.300–Total extractive residues	PASS
FDA 21 CFR 177.1210–Chloroform-soluble extractive residues	PASS
FDA 21 CFR 177.2600–Total extractive residues	PASS
FDA 21 CFR 177.1520–Maximum extractable fraction in n-Hexane	PASS
US FDA CPG Sec. 545.500 - Leachable Lead	PASS
FDA 21 CFR 177.1520–Maximum soluble fraction in xylene	PASS

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

Fannie Chen

Fannie Chen
Review

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center Chemical Laboratory.

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN18-151131.001	Black plastic
SN2	CAN18-151131.002	Translucent silicone
SN3	CAN18-151131.003	Red material
SN4	CAN18-151131.004	Silvery metal

FDA 21 CFR 175.300–Total extractive residues

Test Method : With reference to US FDA 21 CFR 175.300.

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 003 Total extractive residues	Comment
Distilled Water	24.0 hr(s)	120°F	18mg/sq. in	<1mg/sq. in	PASS

Notes :

mg/inch2= milligram per square inch

FDA 21 CFR 177.1210–Chloroform-soluble extractive residues

Test Method : With reference to US FDA 21 CFR 177.1210.

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 002	Comment
Distilled Water	24.0hr(s)	120°F	-	<5ppm	PASS

Notes :

1. ppm = mg/kg = milligram per kilogram of foodstuff in contact with
2. Test sample was applied to container with capacity of 0.75 L.

FDA 21 CFR 177.2600–Total extractive residues

Test Method : With reference to US FDA 21 CFR 177.2600.

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 002	Comment
Distilled Water	7.0hr(s)	Reflux temperature	20mg/sq. in	<0.5mg/sq. in	PASS

Succeeding Extraction	2.0hr(s)	Reflux temperature	1mg/sq. in	<0.5mg/sq. in	PASS

Notes :

mg/inch²= milligram per square inch

FDA 21 CFR 177.1520–Maximum extractable fraction in n-Hexane

Test Method : With reference to US FDA 21 CFR 177.1520 d(3)(i).

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 001	Comment
n-Hexane	2hr(s)	Reflux temperature	6.4%(w/w)	<0.5%(w/w)	PASS

Notes :

%w/w = percentage of weight by weight

US FDA CPG Sec. 545.500 - Leachable Lead

Test Method : With reference to AOAC 18th Ed. (2005) Section 973.32, analysis was performed by ICP-OES.

Sample 004 Metalware

	Vol. of Leaching Solution (mL)	Depth (mm)
1	800	215
2	800	215
3	800	215
4	800	215
5	800	215
6	800	215

	leachable lead (µg/mL)
1	<0.05
2	<0.05
3	<0.05
4	<0.05
5	<0.05
6	<0.05
Average	<0.05
Limit	7

FDA 21 CFR 177.1520–Maximum soluble fraction in xylene

Test Method : With reference to US FDA 21 CFR 177.1520 d(4)(i).

Test Item(s)	Limit	Unit	MDL	*001*
Soluble fraction in Xylene	9.8	%(w/w)	0.5	2.7
Comment				**PASS**

Notes :

%w/w = percentage of weight by weight

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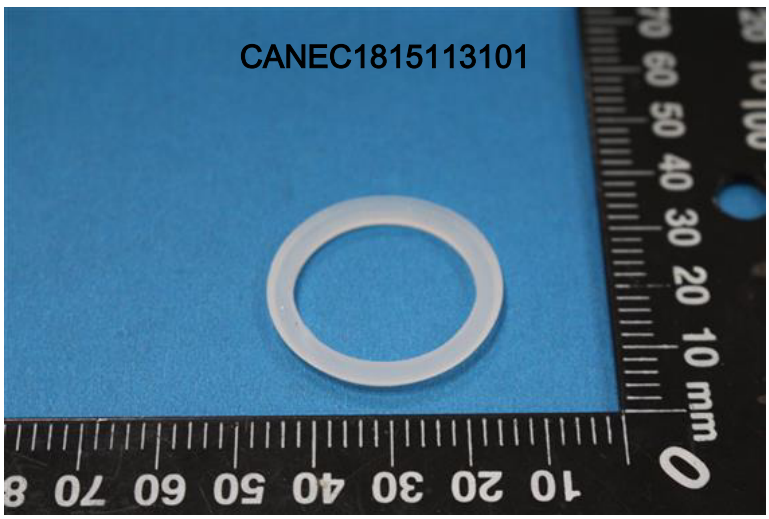
Sample photo:

CAN18-151131.001



CAN18-151131.002

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CAN18-151131.003

CAN18-151131.004

SGS authenticate the photo on original report only

*** End of Report ***

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