

Test Report

No. CANEC1914393101

Date: 02 Aug 2019

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FLASHBAY ELECTRONICS

1-4/F OF BLDG NO.3, BLDG NO.2, 101-501F OF BLDG NO.1, XIFENGCHENG INDUSTRIAL PARK, NO.2, FUYUAN ROAD, HEPING COMMUNITY, FUHAI STREET, BAOAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE, P.R. CHINA

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

SGS Job No. : CP19-040003 - SZ
 Model No. : Thermo(TH)
 Date of Sample Received : 23 Jul 2019
 Testing Period : 23 Jul 2019 - 30 Jul 2019
 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 180.22&181.32-Acrylonitrile monomer extraction	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
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

Catty Gong

Catty Gong
 Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN19-143931.001	Black plastic	ABS
SN2	CAN19-143931.002	Black plastic	PP
SN3	CAN19-143931.003	Colorless translucent material	Silicone

FDA 21 CFR 180.22&181.32-Acrylonitrile monomer extraction

Test Method : With reference to FDA 21 CFR 180.22 & 181.32.

<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	---	Fill boiling, cool to 100°F	0.003mg/sq. in	<0.001mg/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.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 003</u>	<u>Comment</u>
Distilled Water	---	Fill boiling, cool to 100°F	50ppm	<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 0.45 L.

FDA 21 CFR 177.2600-Total extractive residues

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

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 003</u>	<u>Comment</u>
Distilled Water	7.0hr(s)	Reflux temperature	20mg/sq. in	<0.5mg/sq. in	PASS



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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)(ii).

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 002</u>	<u>Comment</u>
n-Hexane	2hr(s)	50°C	5.5%(w/w)	<0.5%(w/w)	PASS

Notes :

%w/w = percentage of weight by weight

FDA 21 CFR 177.1520–Maximum soluble fraction in xylene

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

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Soluble fraction in Xylene	11.3	%(w/w)	0.5	1.4
Comment				PASS

Notes :

%w/w = percentage of weight by weight



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Sample photo:



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*** End of Report ***