



**BUREAU
VERITAS**

TEST REPORT

LAB NO. : (8820)359-0080(A-R1)
DATE : Jan 14, 2021
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APPLICANT : **FLASHBAY ELECTRONICS**
BUILDING 2,JIXUN INDUSTRIAL PARK,DONG' AO VILLAGE,
SHATIAN TOWN,HUIYANG DISTRICT,HUIZHOU CITY,
GUANGDONG PROVINCE,P.R.CHINA

DATE OF SUBMISSION : DEC 24, 2020

TEST PERIOD : DEC 24, 2020 TO JAN 5, 2021

SAMPLE DESCRIPTION : TRAVEL CUPS

Style No. : EcoSip

Manufacturer : FLASHBAY ELECTRONICS

Sample Size : 3PCS

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendment Directive 2015/863/EU	PASS	-



BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Harvey Xue
Manager, Analytical Lab

RT/Carmen Xiong

REMARK

If there are questions or concerns on this report, please contact the following persons:

Report Enquiry: (86) 0769 89952999 Ext. 8175 CPSAnalytical.DG@bureauveritas.com

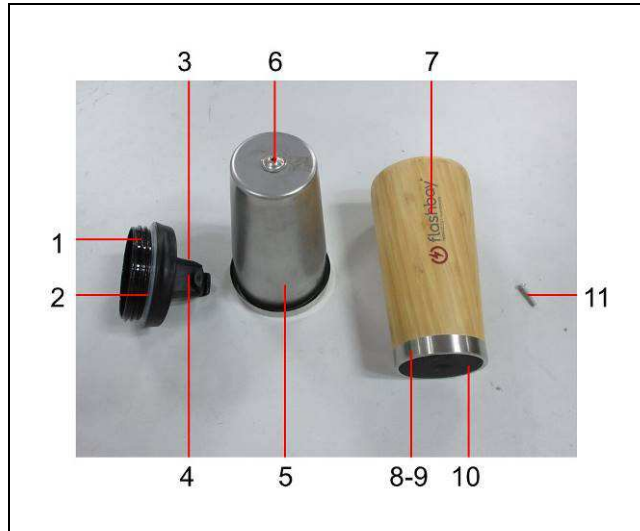
Business Contact: (86) 0769 85893595

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Photo of the Submitted Sample



Photo of Test Item(s)





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Component Description List

Test Item(s)	Component Description(s)	Location	Style(s)
1	Black plastic	Lid	-
2	Translucent plastic	Washer, lid	-
3	Black plastic	Buckle, lid	-
4	Black soft plastic	Gasket, buckle, lid	-
5	Silvery metal	Cup	-
6	Silvery metal	Ring, cup	-
7	Grey/red coated brown wood	Cup	-
8	Silvery metal	Base, cup	-
9	Yellow glue	Glue, base, cup	-
10	Black foam	Foam	-
11	Silvery metal	Screw	-



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TEST RESULT

Compliance Test – European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendment Directive 2015/863/EU

Test Method : See Appendix.

See Analytes and their corresponding Maximum Allowable Limit in Appendix

Parameter	Result									Conclusion
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr VI)	PBBs & PBDEs	DBP	BBP	DEHP	DIBP	
Unit	mg/kg									-
Test Item(s)	-	-	-	-	-	-	-	-	-	-
1	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
2	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
3	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
4	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
5	BL	BL	BL	Negative*	NA	NA	NA	NA	NA	PASS
6	BL	BL	BL	Negative*	NA	NA	NA	NA	NA	PASS
7	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
8	BL	BL	BL	Negative*	NA	NA	NA	NA	NA	PASS
9	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
10	BL	BL	BL	BL	BL	BL	BL	BL	BL	PASS
11	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS

Note / Key:

ND = Not detected “>” = Greater than “<” = Less than
BL = Below Limit NA = Not applicable IN = Inconclusive
mg/kg = milligram(s) per kilogram = ppm = part(s) per million OL = Over Limit
Detection Limit : See Appendix.

Remark:

- The testing approach is listed in table of Appendix.
- * denotes as reported result(s) was (were) performed by wet chemistry method. Others were screened by XRF. For XRF screening, the result(s) of Cr VI was (were) reported as total chromium and the result(s) of PBBs and PBDEs was (were) reported as total bromine. Also, the XRF result(s) may be different to the actual content based on various factors including, but not limit to, sample size, thickness, area, non-uniformity composition, surface flatness.
- According to European Council Directive 2011/65/EU, Article 5 “Adaptation of the Annexes to scientific and technical progress”, exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.
- This report is to supersede BV(Dong guan) report No. (8820)359-0080(A) dated on Jan 5, 2021.

APPENDIX

List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit						
[Compliance Test for European Parliament and Council Directive 2011/65/EU] :						
No.	Name of Analytes	Detection Limit(mg/kg)				Maximum Allowable Limit(mg/kg)
		X-ray fluorescence (XRF)^[a]			Wet Chemistry	
		Plastic	Metal/Glass/Ceramic	Others		
1	Lead (Pb)	100	200	200	10 ^[b]	1000
2	Cadmium (Cd)	50	50	50	10 ^[b]	100
3	Mercury (Hg)	100	200	200	10 ^[c]	1000
4	Chromium (Cr)	100	200	200	NA	NA
5	Chromium VI (Cr VI)	NA	NA	NA	See ^[d] /10 ^[e] /3 ^[f,g]	1000 / Negative ^[h]
6	Bromine (Br)	200	NA	200	NA	NA
7	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	NA	NA	NA	Each 50 ^[i]	Sum 1000
8	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	NA	NA	NA	Each 50 ^[i]	Sum 1000
9	- Dibutyl phthalate (DBP) - Butyl benzyl phthalate (BBP) - Di-2-ethylhexyl phthalate (DEHP) - Diisobutyl phthalate (DIBP)	NA	NA	NA	Each 50 ^[i]	Each 1000



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NA = Not applicable IEC = International Electrotechnical Commission

- [a] Test method with reference to International Standard IEC 62321-3-1: 2013.
- [b] Test method with reference to International Standard IEC 62321-5: 2013.
- [c] Test method with reference to International Standard IEC 62321-4:2013+A1:2017.
- [d] Metal - Test method with reference to International Standard IEC 62321-7-1: 2015.
- [e] Polymers and Electronics - Test method with reference to European Standard EN 62321-7-2: 2017.
- [f] Leather - Test method International Standard ISO 17075-1:2017.
- [g] Other Than Metal, Leather, Polymers and Electronics - Test method with reference to International Standard ISO 17075-1:2017.
- [h] Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Parliament and Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1).
- [i] Test method with reference to International Standard IEC 62321-6: 2015.
- [j] Test method with reference to International Standard IEC 62321-8: 2017.

Testing Approach [Compliance Test for European Parliament and Council Directive 2011/65/EU] :

The testing approach was with reference to the following document(s).

- 1 International Standards IEC 62321-1: 2013 and IEC 62321-2: 2013
- 2 "RoHS Enforcement Guidance Document Version 1" by EU RoHS Enforcement Authorities Informal Network. (May 2006)
- 3 "RoHS Regulations - Government Guidance Notes" by United Kingdom Department for Business Innovation & Skills. (February 2011)
- 4 "Final Report to RoHS substances (Hg, Pb, Cr(VI), Cd, PBB and PBDE) in electrical and electronic equipment in Belgium" by Belgium Federal Public Service Health, Food Chain Safety and Environment. (November 2005)

*** End of Report ***