TEST REPORT

LAB NO. : **(8823)118-0075**
DATE : **May 18, 2023**
PAGE : **1 OF 11**

Applicant Name:	**Guangdong Winburg Technology Co., Ltd**
Applicant Address:	1f Factory Building, No 1, Yihui Fifth Road, Henglan Town, Zhongshan City, Guangdong Province, China
Date of Submission:	APR 28, 2023
Test Period:	APR 28, 2023 TO MAY 18, 2023
Sample Description:	Electronic Baby Scale / Electronic Pet Scale
Manufacturer :	Guangdong Winburg Technology Co.,Ltd 1f Factory Building, No 1, Yihui Fifth Road, Henglan Town, Zhongshan City, Guangdong Province, China
Style No. :	EB525
Country of origin:	China

Sample Size: 1

BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Lisa Bai
Analytical lab Senior Supervisor

RT/TX

REMARK

If there are questions or concerns on this report, please contact the following persons:
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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 (EU)2015/863	PASS	-

Photo of the Submitted Sample

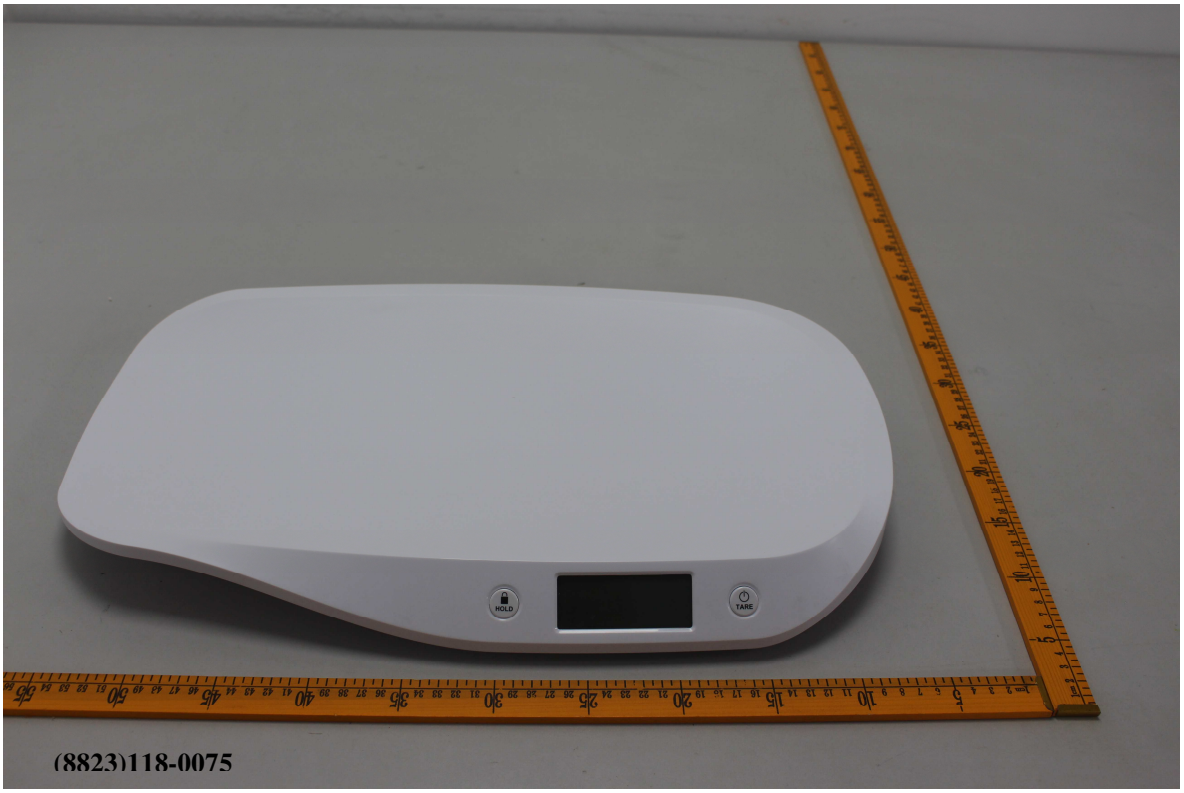
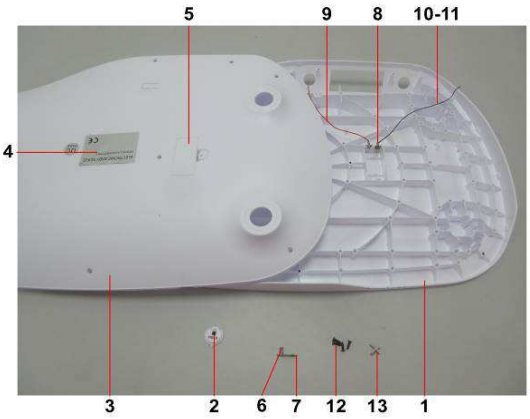
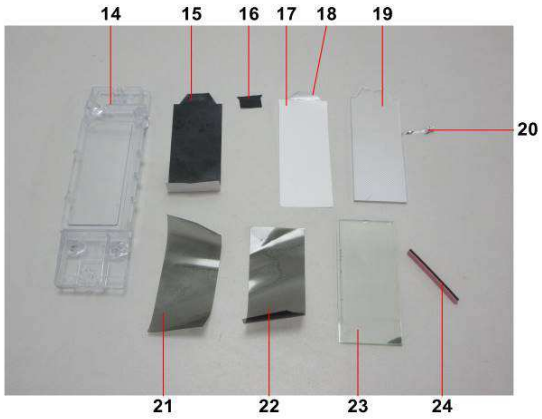
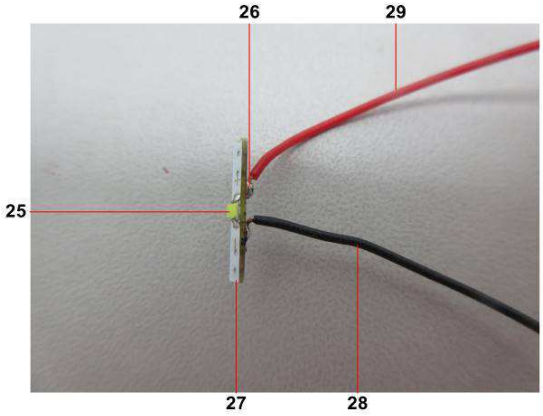
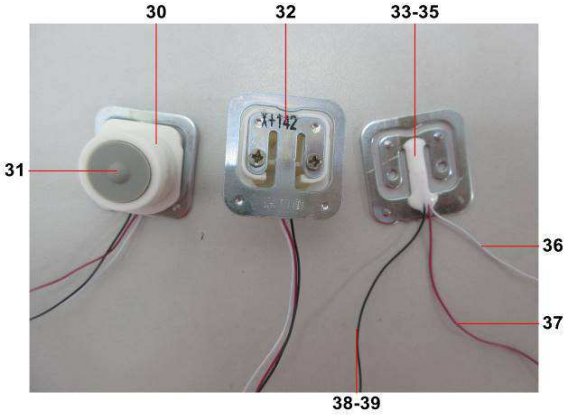


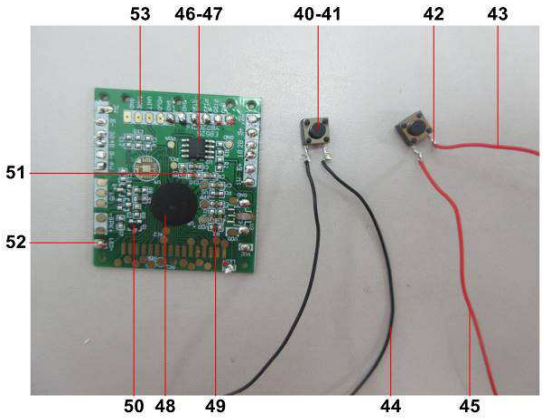
Photo of Test Item(s)











Component Description List

Test Item(s)	Component Description(s)	Location	Style(s)
1	White plastic	Housing	-
2	Black coated white plastic	Button	-
3	White plastic	Battery holder	-
4	Black/silver coated transparent plastic	Sticker, battery holder	-
5	White plastic	Battery cover	-
6	Silvery metal	Spring, battery holder	-
7	Silvery metal	Contact plate, battery holder	-
8	Silvery solder	Solder, battery holder	-
9	Red soft plastic	Wire insulation, cable, battery holder	-
10	Black soft plastic	Wire insulation, cable, battery holder	-
11	Coppery metal	Wire, cable, battery holder	-
12	Black plated silvery metal	Screw	-
13	Silvery metal	Screw	-
14	Transparent plastic	Holder, display screen	-
15	White/black plastic	Diaphragm, display screen	-
16	White/black plastic with adhesive	Adhesive tape, diaphragm, display screen	-
17	White/translucent plastic	Diaphragm, display screen	-
18	Silver plastic with adhesive	Adhesive tape, diaphragm, display screen	-
19	White coated transparent plastic	Board, display screen	-
20	Silver plastic with adhesive	Adhesive tape, board, display screen	-
21	Translucent/grey plastic	Diaphragm, display screen	-
22	Transparent/grey plastic	Diaphragm, display screen	-
23	Transparent glass	Display screen	-
24	Black/pink soft plastic	Mat, display screen	-
25	Yellow body	SMD LED, PCB, display screen	-
26	Silvery solder	Solder, PCB, display screen	-
27	Light blue PCB with glue	PCB, display screen	-
28	Black soft plastic	Wire insulation, cable, PCB, display	-
29	Red soft plastic	Wire insulation, cable, PCB, display	-
30	White plastic	Leg support	-
31	Grey soft plastic	Gasket, leg support	-
32	Black printed iridescent metal	Contact plate, leg support	-
33	Silvery solder	Solder, PCB, leg support	-
34	White glue	Glue, contact plate, leg support	-
35	Yellow FPC	FPC, contact plate, leg support	-

Component Description List

Test Item(s)	Component Description(s)	Location	Style(s)
36	White soft plastic	Wire insulation, cable, leg support	-
37	Red soft plastic	Wire insulation, cable, leg support	-
38	Black soft plastic	Wire insulation, cable, leg support	-
39	Silvery metal	Wire, cable, leg support	-
40	Black plastic	Touch switch	-
41	Silvery metal	Touch switch	-
42	Silvery solder	Solder, touch switch	-
43	Red soft plastic	Wire insulation, cable, touch switch	-
44	Black soft plastic	Wire insulation, cable, touch switch	-
45	Dark red soft plastic	Wire insulation, cable, touch switch	-
46	Black body	IC, PCB	-
47	Silvery/coppery metal	Plate, IC, PCB	-
48	Black body	SMD IC, PCB	-
49	Black printed white body	SMD resistor, PCB	-
50	Black body	SMD transistor, PCB	-
51	Brown body	SMD capacitor, PCB	-
52	Silvery solder	Solder, PCB	-
53	Green PCB	PCB	-

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 (EU)2015/863

Test Method : See Appendix.

-	Result (s)									
Parameter	**Lead (Pb)**	**Mercury (Hg)**	**Cadmium (Cd)**	**Chromium VI (Cr VI)**	**PBBs & PBDEs**	**BBP**	**DBP**	**DEHP**	**DIBP**	**Conclusion**
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	BL	BL	BL*	BL*	BL*	BL*	PASS
6	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
7	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
8	BL	BL	BL	BL	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
12	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
13	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
14	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
15	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
16	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
17	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
18	BL	BL	BL	BL	BL	BL*	BL*	180*	BL*	PASS
19	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
20	BL	BL	BL	BL	BL	BL*	BL*	80*	BL*	PASS
21	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
22	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
23	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
24	BL	BL	BL	BL	BL	BL*	BL*	BL*	170*	PASS
25	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
26	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
27	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
28	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS

TEST RESULT

-	Result (s)									
Parameter	**Lead (Pb)**	**Mercury (Hg)**	**Cadmium (Cd)**	**Chromium VI (Cr VI)**	**PBBs & PBDEs**	**BBP**	**DBP**	**DEHP**	**DIBP**	**Conclusion**
Unit	mg/kg									-
Test Item(s)	-	-	-	-	-	-	-	-	-	-
29	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
30	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
31	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
32	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
33	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
34	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
35	BL	BL	BL	ND*	BL	BL*	BL*	BL*	BL*	PASS
36	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
37	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
38	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
39	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
40	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
41	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
42	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
43	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
44	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
45	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
46	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
47	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
48	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
49	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
50	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
51	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
52	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
53	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS

Note / Key:

BL = Below limit OL = Over limit ND = Not detected NA = Not applicable
mg/kg = milligram(s) per kilogram = ppm = part(s) per million
Detection Limit : See Appendix.

Remark:

- *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.
- *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 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 Council Directive 2011/65/EU, Article 4(1).
- 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.

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[j]	Each 1000

	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: 2021
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 ***