

TEST REPORT

Report No.: GTSC130600114

Date: July 22, 2013

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Applicant : Shenzhen Booyue Daily Necessities Company Limited
Applicant Address : 907-908, 9/F, Changhong Technology Building, Hi-Tech Industrial Park,
Nanshan, Shenzhen, China

The following samples were submitted by the client said to be:

Sample Name : Children's Digital Player
Model No. : G6
Trademark : alilo
Date of Test : June 21 – July 22, 2013
Date of Report : July 22, 2013
Test Requested : As requested by the applicant, submitted sample were screened
by XRF spectroscopy for EU Directive 2011/65/EU Annex II ;
recasting 2002/95/EC.
Test Results : Details, please refer to the following pages.

Signed for and on behalf of



A handwritten signature in blue ink is written over a circular blue stamp. The stamp contains the text 'GLOBAL UNITED TECHNOLOGY SERVICES CO., LTD.' around the perimeter, 'GTS' in the center, and 'GLOBAL TESTING' below it. The year '2013' is also visible at the bottom of the stamp.

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(A) The test result of XRF:

As per IEC 62321 : 2008, screened by XRF spectroscopy.

No.	Component Description	Test Item	XRF Result
1	White plastic shell	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
2	Blue plastic shell	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
3	White soft plastic	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
4	Blue soft plastic	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
5	White wire terminal	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
6	Red wire covering	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
7	Black wire covering	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P

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No.	Component Description	Test Item	XRF Result
8	LED	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
9	PCB	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
10	Tin solder	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	N.A.
11	Screw	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	N.A.
12	Screw	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	N.A.
13	Metal shell of memory card	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	N.A.
14	Metal shell of USB	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	N.A.
15	Silver color metal	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	N.A.

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No.	Component Description	Test Item	XRF Result
16	Red plastic shell	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
17	Red soft key-press	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
18	Pink plastic shell	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
19	Pink soft key-press	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
20	IC	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
21	IC	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
22	IC	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
23	Capacitor	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P

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No.	Component Description	Test Item	XRF Result
24	Diode	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
25	Crystal	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	N.A.
26	Capacitor	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
27	Capacitor	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
28	Resistor	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
29	Resistor	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
30	Resistor	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
31	Triode	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P

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No.	Component Description	Test Item	XRF Result
32	Switch metal	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	N.A.
33	Switch PCB	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
34	Switch plastic	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
35	Metal of key-press	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	N.A.
36	Plastic of key-press	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
37	Terminal metal	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	N.A.
38	Terminal plastic	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P
39	Speaker metal	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	N.A.

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No.	Component Description	Test Item	XRF Result
40	Speaker plastic	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P

XRF screening limits in mg/kg for regulated elements in various material

Element	Polymer Material	Metallic Material	Composite Material
Cadmium (Cd)	P≤70<IC<130≤F	P≤70<IC<130≤F	P≤70<IC<250≤F
Lead (Pb)	P≤700<IC<1300≤F	P≤700<IC<1300≤F	P≤500<IC<1500≤F
Mercury (Hg)	P≤700<IC<1300≤F	P≤700<IC<1300≤F	P≤500<IC<1500≤F
Chromium (Cr)	P≤500<IC	P≤700<IC	P≤500<IC
Bromine (Br)	P≤300<IC	N.A.	P≤250<IC

Remark:

(1) mg/kg=milligram per kilogram

(2) P=Pass; F=Fail; IC=Inconclusive; N.A.=Not Applicable

Estimated Detection Limits in mg/kg for regulated elements in various material

Element	Polymer Material	Metallic Material	Composite Material
Cadmium (Cd)	50	70	70
Lead (Pb)	100	200	200
Mercury (Hg)	100	200	200
Chromium (Cr)	100	200	200
Bromine (Br)	200	N.A.	200

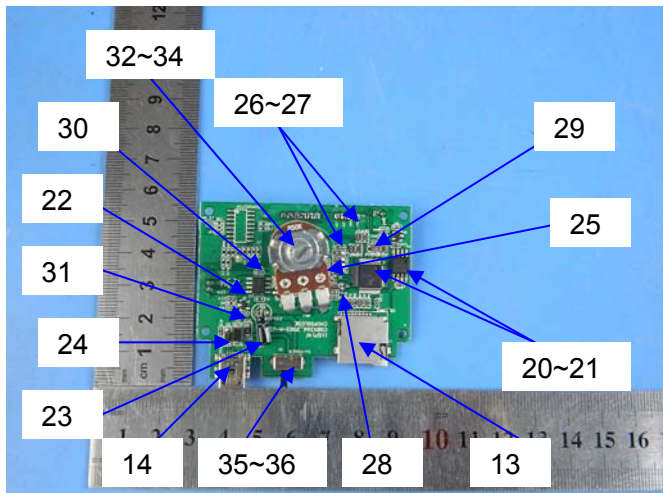
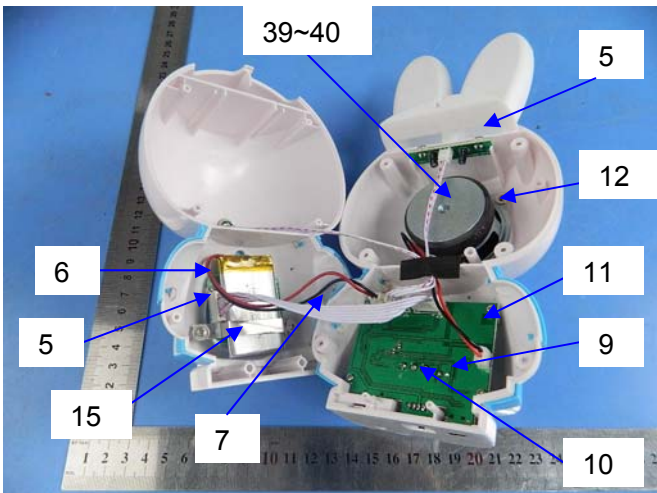
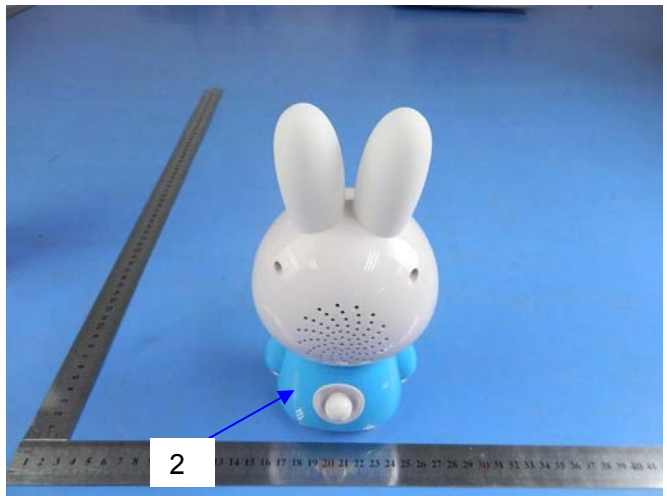
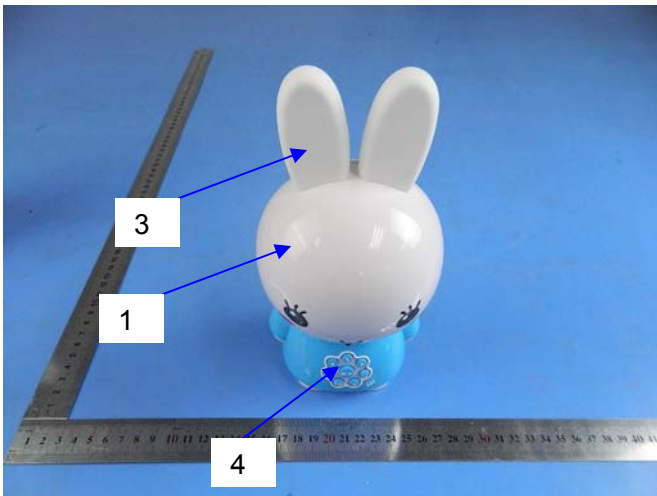
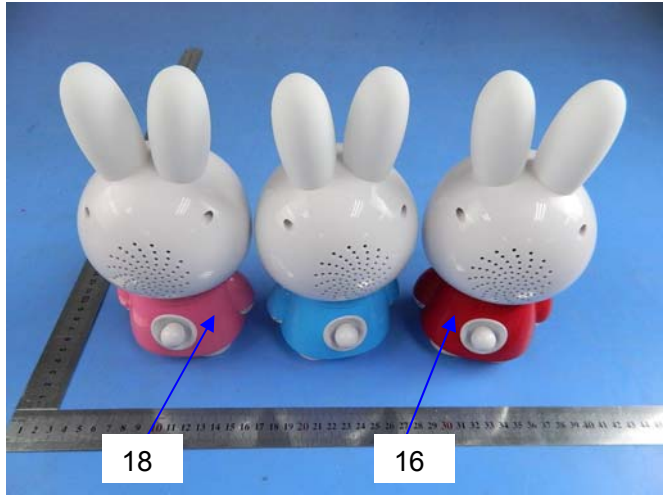
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(B) Tested sample photos:

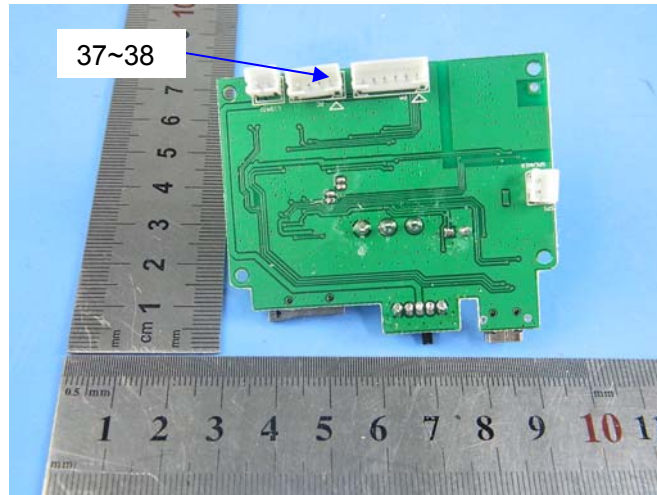


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