

# TEST REPORT

**Applicant:** Beijing Ke Yi Technology Co., Ltd.  
**Address:** 8th Floor, Dimeng Building, Huayuan Road, Haidian District, Beijing, China

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

Product name: Loona Smart Toy  
Model: KY00LN01  
Client Ref. Info.: KY004LN02, KY004LN03, KY004LN04, KY004LN05  
Trade mark: Loona  
Manufacturer: Beijing Ke Yi Technology Co., Ltd.  
Address: 8th Floor, Dimeng Building, Huayuan Road, Haidian District, Beijing, China  
Factory: HUIZHOU BYD ELECTRONIC CO., LTD.  
Address: BYD Industrial Park, Xiangshui River, Economic Development Zone, Daya Bay, Huizhou, Guangdong, 516083, P.R.China

Sample Received Date: 2023-12-28  
Testing Period: 2023-12-28 ~ 2024-01-03

**Test Requirement:**

As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)) in the submitted samples in accordance with Packaging directive 94/62/EC and the amendment directive 2004/12/EC & 2013/2/EU & (EU)2018/852.

**Test Result(s):** Please refer to the following page(s);

**Test Method:** Please refer to the following page(s);

Compiled by: Pre. Liao Reviewed by: Amy. Wu

Approved by: May Li Date: 2024-01-03

**Sample Description**

No.	Description
1	Grey foam box
2	Multicolor paperboard of cardboard 1
3	Multicolor paperboard of cardboard 2
4	Multicolor paperboard of cardboard 3
5	Multicolor paperboard of instruction
6	Multicolor paper of instruction
7	Orange/white paper box
8	Black wire jacket of black tie
9	Metal wire core of black tie
10	Black plastic buckle of black velcro
11	Black velcro(fur)
12	Black velcro with lettering(adhesive surface)

**Test Result(s)**

Test method: With reference to IEC 62321-5:2013 Ed.1.0, IEC 62321-4:2013+AMD1:2017, IEC 62321-7-1:2015 Ed.1.0, IEC 62321-7-2:2017 Ed.1.0, analyzed by ICP-OES and UV-Vis.

Test Item(s)	Limit, mg/kg	MDL, mg/kg	Result, mg/kg			
			1	2	3	4
Lead (Pb)	/	2	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	/	2	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	/	2	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	/	2	N.D.	N.D.	N.D.	N.D.
Total [Pb+ Cd+ Hg+ Cr(VI)]	100	/	N.D.	N.D.	N.D.	N.D.
Conclusion	/	/	Pass	Pass	Pass	Pass

Test Item(s)	Limit, mg/kg	MDL, mg/kg	Result, mg/kg			
			5	6	7	8
Lead (Pb)	/	2	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	/	2	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	/	2	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	/	2	N.D.	N.D.	N.D.	N.D.
Total [Pb+ Cd+ Hg+ Cr(VI)]	100	/	N.D.	N.D.	N.D.	N.D.
Conclusion	/	/	Pass	Pass	Pass	Pass

Test Item(s)	Limit, mg/kg	MDL, mg/kg	Result, mg/kg			
			9	10	11	12
Lead (Pb)	/	2	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	/	2	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	/	2	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (Cr(VI))	/	2	N.D.	N.D.	N.D.	N.D.
Total [Pb+ Cd+ Hg+ Cr(VI)]	100	/	N.D.	N.D.	N.D.	N.D.
Conclusion	/	/	Pass	Pass	Pass	Pass

Note: 1mg/kg = 1ppm = 0.0001%  
 N.D. = Not Detected (<MDL)  
 MDL = Method Detection Limit  
 / = Not Regulated or Not Applicable

Sample photo(s):

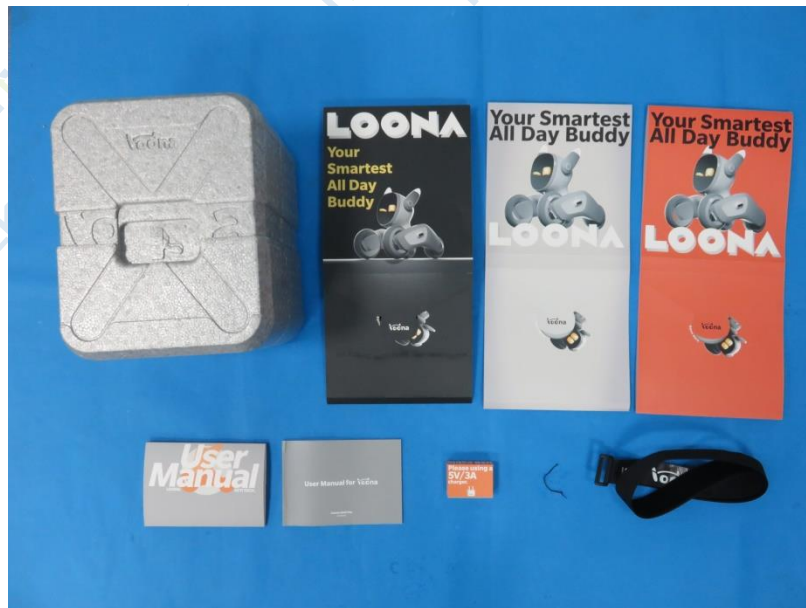


Fig.1

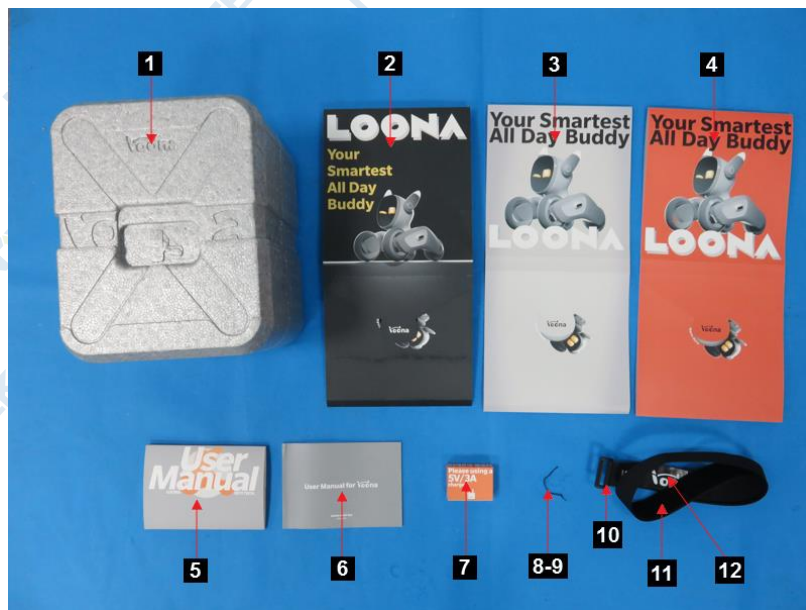


Fig.2

\*\*\*\*End of Report\*\*\*\*

The test results or data in this report will be used only for education, scientific research, enterprise product development and internal quality control or other purposes.

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