

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
Test model: KY004LN01
Serial model: 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

Sample Received Date: Sep. 30, 2022
Testing Period: Sep. 30, 2022~ Oct. 19, 2022

Test Requirement:

As specified by client, to determine Polycyclic Aromatic Hydrocarbons(PAHs) content in the submitted sample.

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

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

Compiled by: Pure Reviewed by: Blmar
Approved by: Mark Liao Date: 2022-11-15

Sample Description

No.	Description	No.	Description
001	White plastic shell(trunk)	002	Transparent glass screen (screen-outside screen)
003	Grey plastic shell(trunk)	004	Grey plastic shell(tyre bracket)
005	Grey plastic cover(tyre bracket)	006	Light grey plastic sheet(tyre bracket)
007	Light grey plastic shell(tyre bracket)	008	Grey plastic tyre(front wheel)
009	Grey plastic hub(front wheel)	010	Grey rubber tyre(rear wheel)
011	Grey plastic shell(rear wheel)	012	Grey plastic ring(rear wheel)
013	Grey plastic cover(rear wheel)	014	Grey plastic shell(ear)
015	White plastic ring(ear-grey plastic shell)	016	White plastic shell(ear)
017	White plastic shell(data line-USB interface)	018	White plastic(data line-USB interface)
019	White encapsulation(data line-USB interface)	020	White plastic shell(data line-Type-C interface)
021	White encapsulation(data line-Type-C interface)	022	White plastic exterior wire jacket(data line-wire)
023	White rubber ring(data line-tie)	/	/

Test Result(s):

Test item(s)	Result(s), mg/kg		MDL, mg/kg
	001+003+004	002	
Naphthalene	N.D.	N.D.	0.1
Acenaphthylene	N.D.	N.D.	0.1
Acenaphthene	N.D.	N.D.	0.1
Fluorene	N.D.	N.D.	0.1
Phenanthrene	N.D.	N.D.	0.1
Anthracene	N.D.	N.D.	0.1
Fluoranthene	N.D.	N.D.	0.1
Pyrene	N.D.	N.D.	0.1
Benzo[a]anthracene	N.D.	N.D.	0.1
Chrysene	N.D.	N.D.	0.1
Benzo[b]fluoranthene	N.D.	N.D.	0.1
Benzo[k]fluoranthene	N.D.	N.D.	0.1
Benzo[a]pyrene	N.D.	N.D.	0.1
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	0.1
Dibenzo[a,h]anthracene	N.D.	N.D.	0.1
Benzo[g,h,i]perylene	N.D.	N.D.	0.1

Test item(s)	Result(s), mg/kg		MDL, mg/kg
	005+006+007	008+009+011	
Naphthalene	N.D.	N.D.	0.1
Acenaphthylene	N.D.	N.D.	0.1
Acenaphthene	N.D.	N.D.	0.1
Fluorene	N.D.	N.D.	0.1
Phenanthrene	N.D.	N.D.	0.1
Anthracene	N.D.	N.D.	0.1
Fluoranthene	N.D.	N.D.	0.1
Pyrene	N.D.	N.D.	0.1
Benzo[a]anthracene	N.D.	N.D.	0.1
Chrysene	N.D.	N.D.	0.1
Benzo[b]fluoranthene	N.D.	N.D.	0.1
Benzo[k]fluoranthene	N.D.	N.D.	0.1
Benzo[a]pyrene	N.D.	N.D.	0.1
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	0.1
Dibenzo[a,h]anthracene	N.D.	N.D.	0.1
Benzo[g,h,i]perylene	N.D.	N.D.	0.1

Test item(s)	Result(s), mg/kg		MDL, mg/kg
	010+023	012+013+014	
Naphthalene	N.D.	N.D.	0.1
Acenaphthylene	N.D.	N.D.	0.1
Acenaphthene	N.D.	N.D.	0.1
Fluorene	N.D.	N.D.	0.1
Phenanthrene	N.D.	N.D.	0.1
Anthracene	N.D.	N.D.	0.1
Fluoranthene	N.D.	N.D.	0.1
Pyrene	N.D.	N.D.	0.1
Benzo[a]anthracene	N.D.	N.D.	0.1
Chrysene	N.D.	N.D.	0.1
Benzo[b]fluoranthene	N.D.	N.D.	0.1
Benzo[k]fluoranthene	N.D.	N.D.	0.1
Benzo[a]pyrene	N.D.	N.D.	0.1
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	0.1
Dibenzo[a,h]anthracene	N.D.	N.D.	0.1
Benzo[g,h,i]perylene	N.D.	N.D.	0.1

Test item(s)	Result(s), mg/kg		MDL, mg/kg
	015+016+017	018+020	
Naphthalene	N.D.	N.D.	0.1
Acenaphthylene	N.D.	N.D.	0.1
Acenaphthene	N.D.	N.D.	0.1
Fluorene	N.D.	N.D.	0.1
Phenanthrene	N.D.	N.D.	0.1
Anthracene	N.D.	N.D.	0.1
Fluoranthene	N.D.	N.D.	0.1
Pyrene	N.D.	N.D.	0.1
Benzo[a]anthracene	N.D.	N.D.	0.1
Chrysene	N.D.	N.D.	0.1
Benzo[b]fluoranthene	N.D.	N.D.	0.1
Benzo[k]fluoranthene	N.D.	N.D.	0.1
Benzo[a]pyrene	N.D.	N.D.	0.1
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	0.1
Dibenzo[a,h]anthracene	N.D.	N.D.	0.1
Benzo[g,h,i]perylene	N.D.	N.D.	0.1

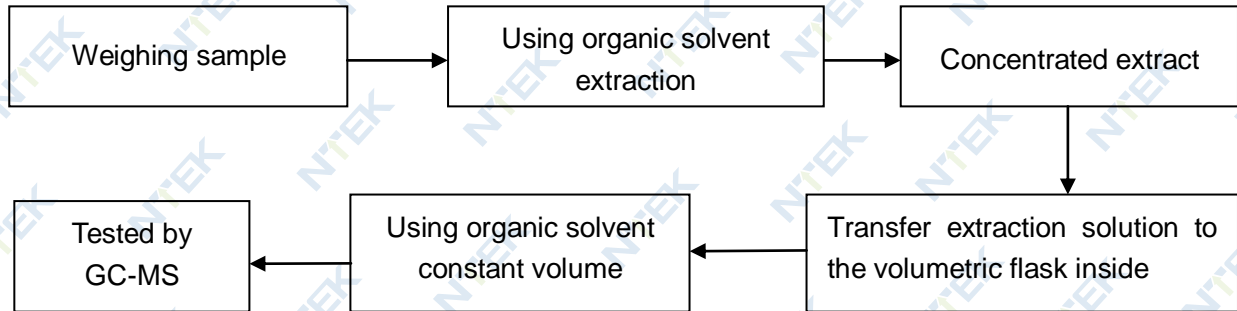
Test item(s)	Result(s), mg/kg	MDL, mg/kg
	019+021+022	
Naphthalene	N.D.	0.1
Acenaphthylene	N.D.	0.1
Acenaphthene	N.D.	0.1
Fluorene	N.D.	0.1
Phenanthrene	N.D.	0.1
Anthracene	N.D.	0.1
Fluoranthene	N.D.	0.1
Pyrene	N.D.	0.1
Benzo[a]anthracene	N.D.	0.1
Chrysene	N.D.	0.1
Benzo[b]fluoranthene	N.D.	0.1
Benzo[k]fluoranthene	N.D.	0.1
Benzo[a]pyrene	N.D.	0.1
Indeno[1,2,3-cd]pyrene	N.D.	0.1
Dibenzo[a,h]anthracene	N.D.	0.1
Benzo[g,h,i]perylene	N.D.	0.1

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

Remark: The test results in this report are only responsible for the tested samples. According to the client's statement, series models are the same material as the test models.
 The series model samples provided by customers have not been tested in this report.

Test Method:

Tested Item(s)	Test Method	Test instrument
Polycyclic Aromatic Hydrocarbons (PAHs)	GB/T 29784.2-2013	GC-MS

Test Flow:

Sample photo(s):



Fig.1



Fig.2



Fig.3



Fig.4

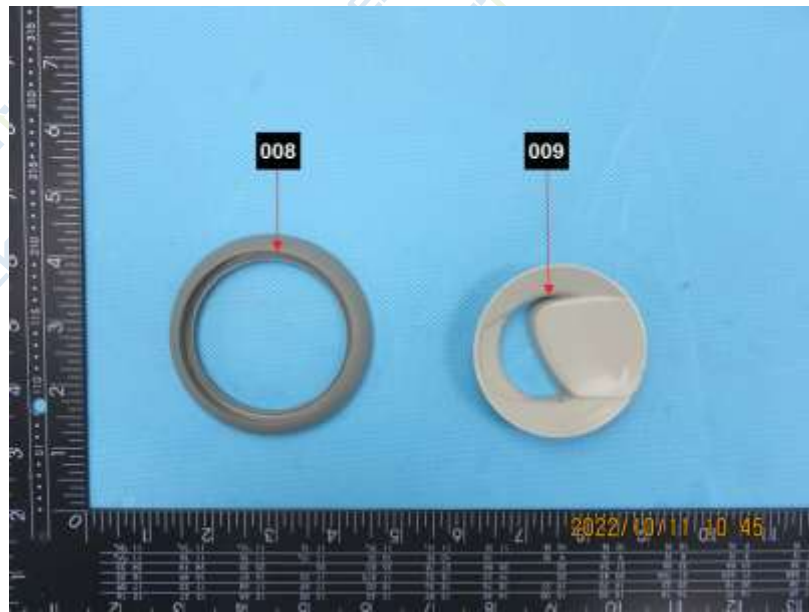


Fig.5

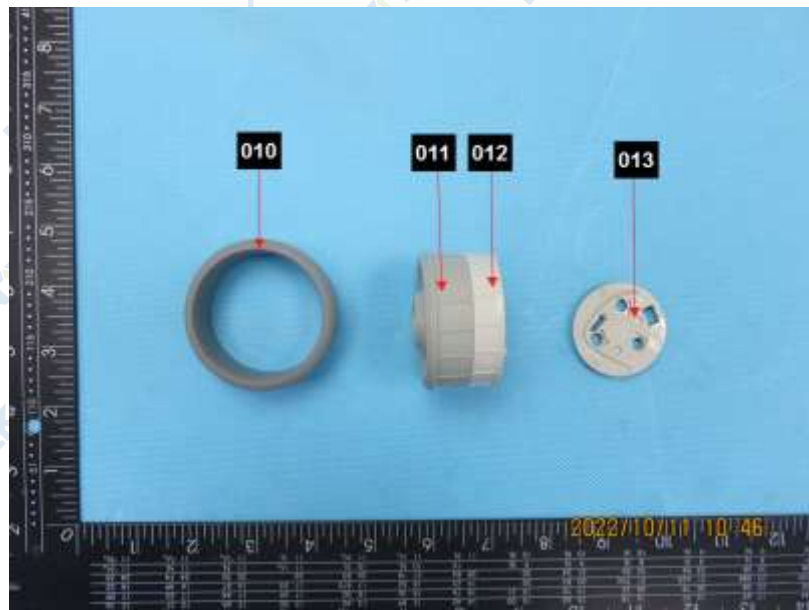


Fig.6

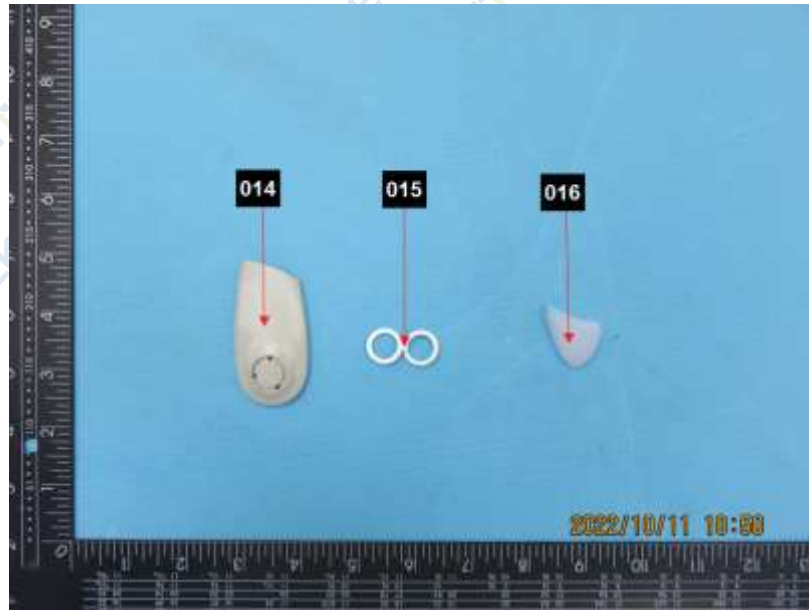


Fig.7

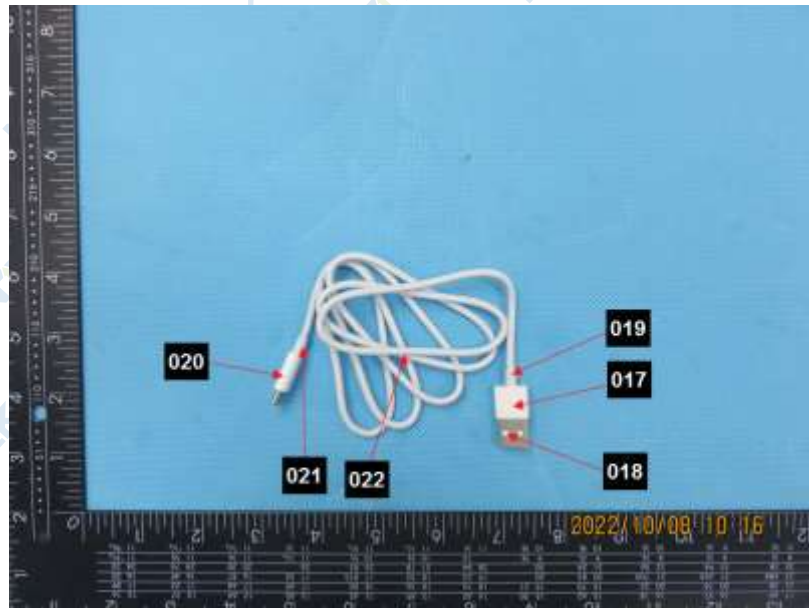


Fig.8

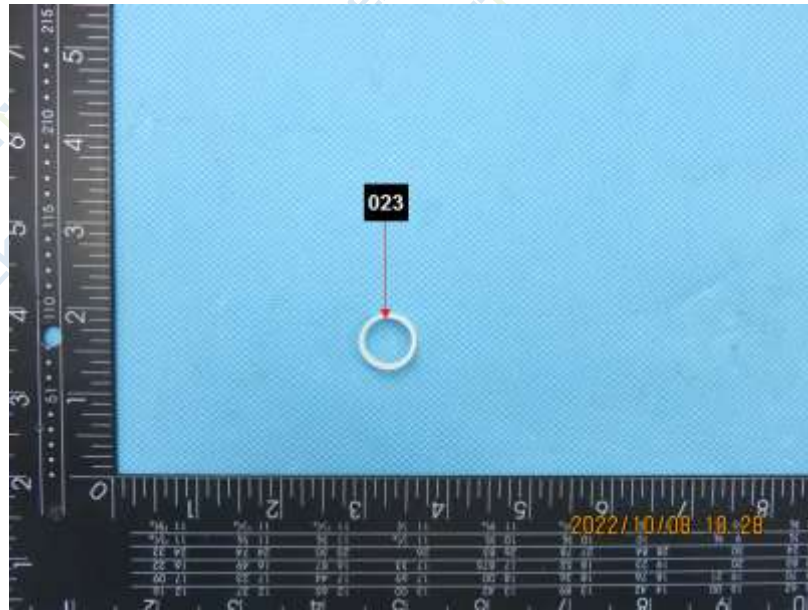


Fig.9

****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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