TEST REPORT

APPLICANT	:	SHENZHEN AOJ MEDICAL TECHNOLOGY CO., LTD.
ADDRESS	:	RM 301&4F, BLOCK A, BUILDING A, JINGFA INTELLIGENT MANUFACTURING PARK, XIAWEIYUAN
SAMPLE DESCRIPTION	:	No-Itch, Nail Trimmer, Nasal Aspirator
BUYER	:	Melii Baby Inc.
SAMPLE RECEIVED DATE	:	14-Dec-2023
SAMPLE RESUBMISSION DATE	:	29-Dec-2023
TURN AROUND TIME	:	14-Dec-2023 to 08-Jan-2024
TEST SPECIFICATION	:	Total concentration of Lead, Cadmium, Mercury, Chromium VI, Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs) , Bis(2-ethylhexyl) phthalate (DEHP) , Butyl benzyl phthalate (BBP) , Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) in accordance with EC Directive 2011/65/EU and its amendment Directive (EU) 2015/863 (RoHS)
CONCLUSION	:	Based on the analysis on the submitted sample(s), the test results do comply with the concentration limits as specified in Annex II to Directive 2011/65/EU and its amendment Directive (EU) 2015/863.

The following test item(s) was/were performed on submitted sample(s) and/or component(s) appointed by applicant.

Eurofins（Hangzhou）contact information
Customer service: Connie.Zhang@cpt.eurofinscn.com/ +86 571 87203730
Sales specialist: Sammy.Dong@cpt.eurofinscn.com/ +86 18767163680

********** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) **********

Signed for and on behalf of
Eurofins Product Testing Service (Hangzhou) Co., Ltd

Sara Liu
Lab Manager

Eurofins Product Testing Service (Hangzhou) Co., Ltd 检测专用章

SAMPLE PHOTO(S)

EFHZ23121645-CG-02

TO BE CONTINUED

COMPONENT PHOTO(S)

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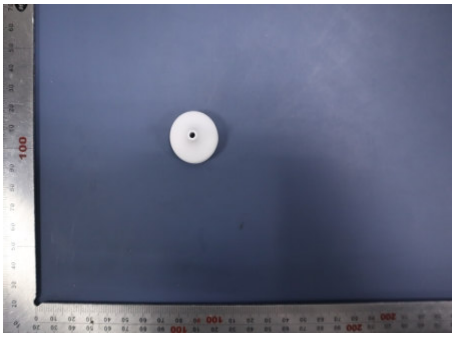

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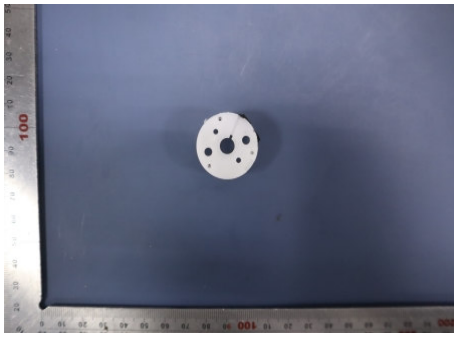

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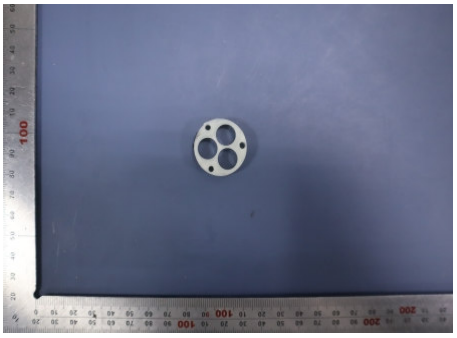

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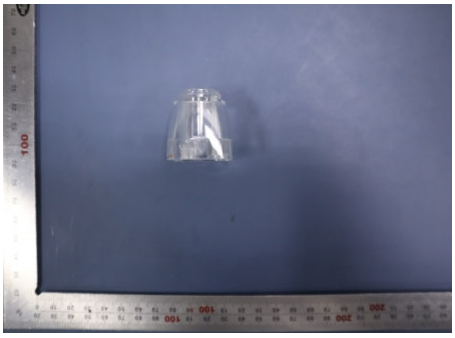

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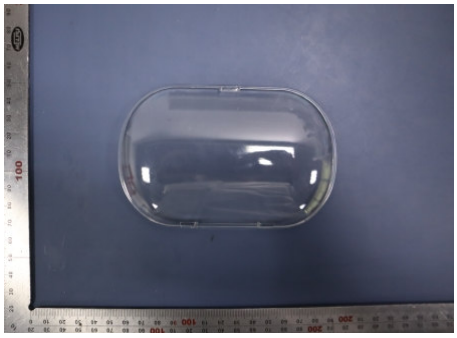

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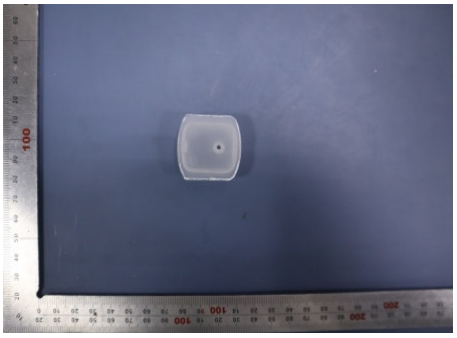

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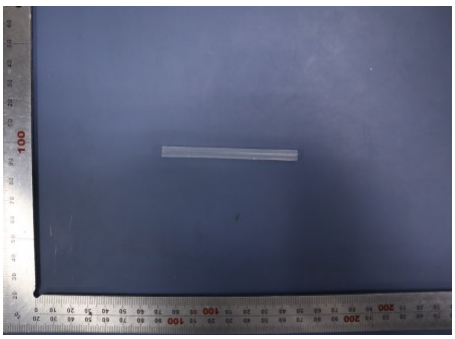

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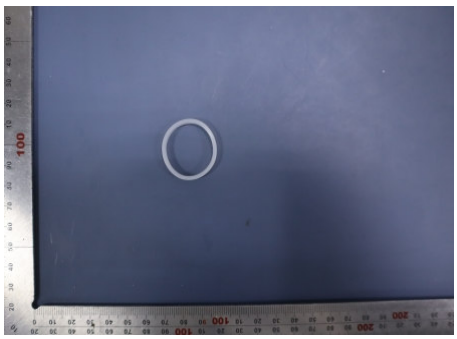

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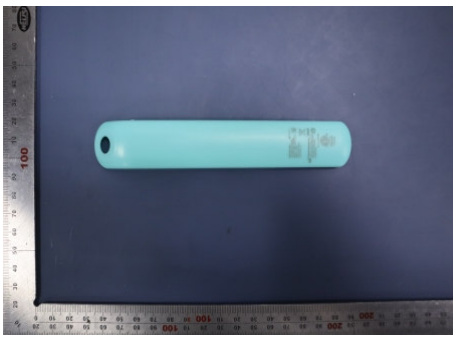

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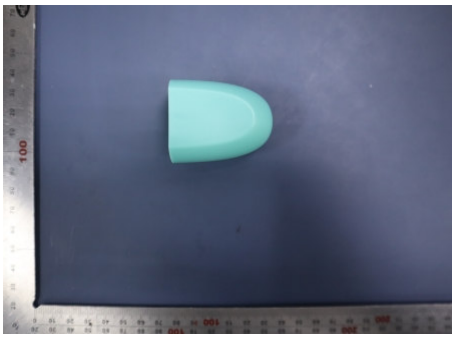

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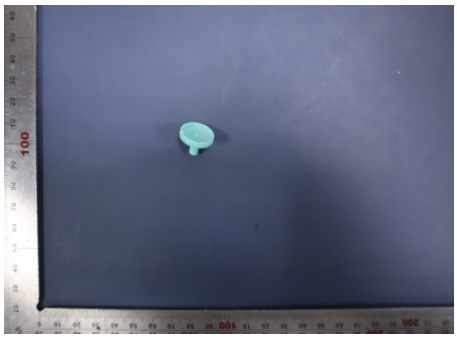

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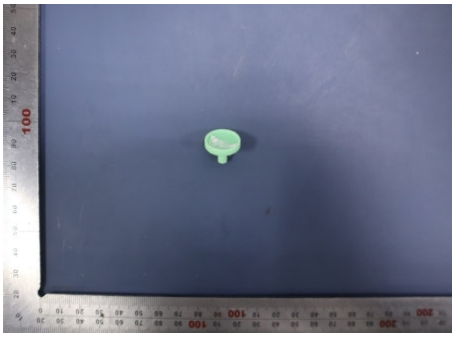

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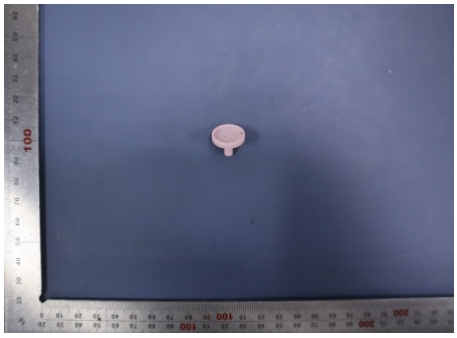

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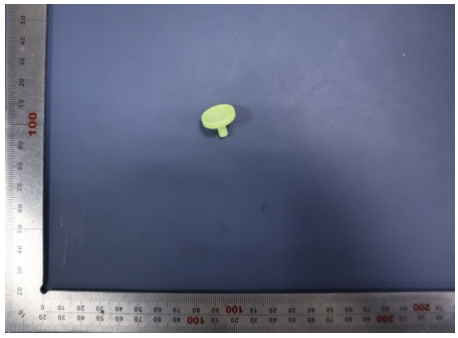

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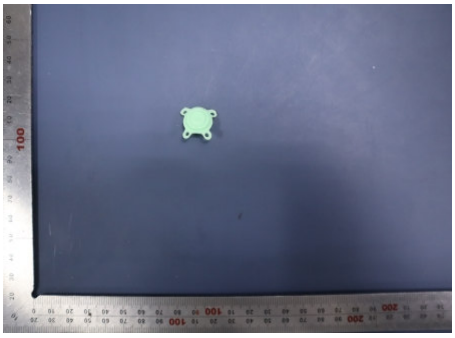

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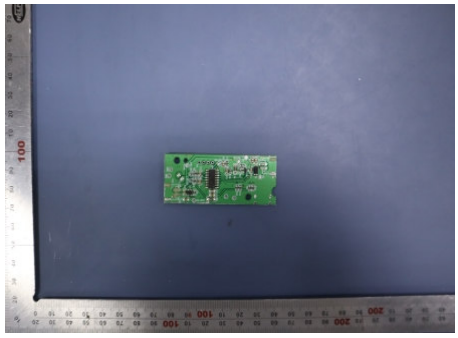

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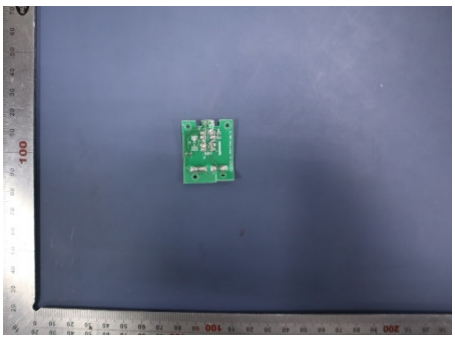

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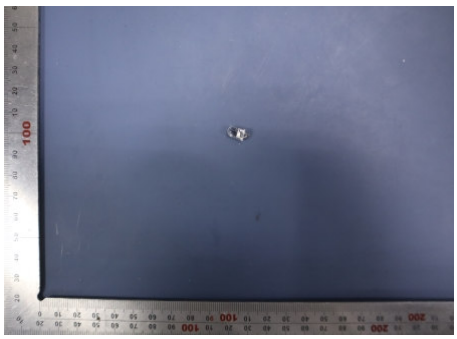

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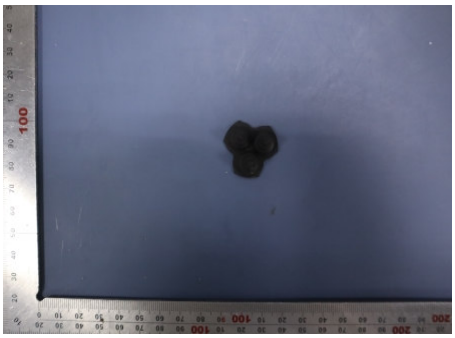

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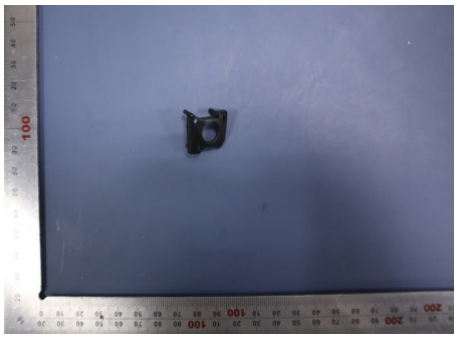

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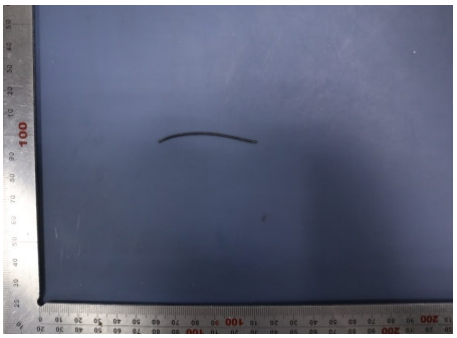

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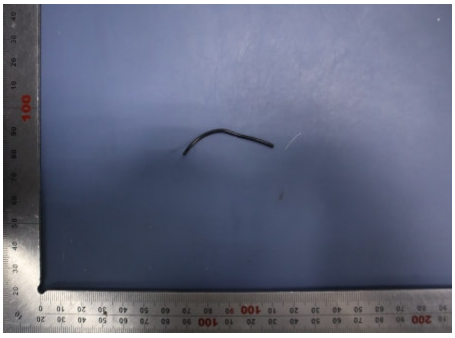

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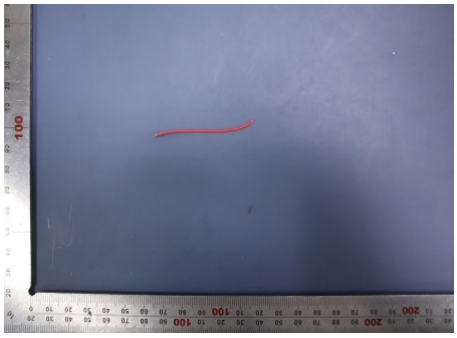

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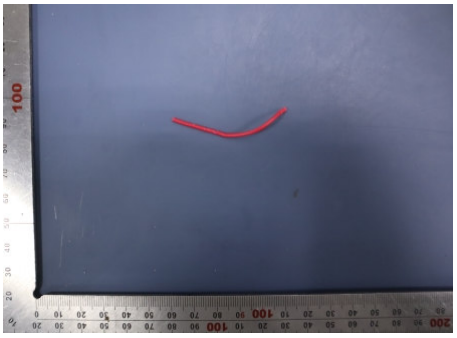

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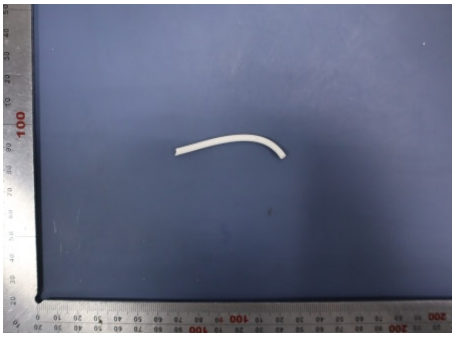

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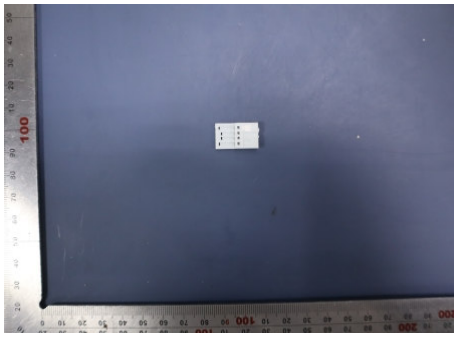

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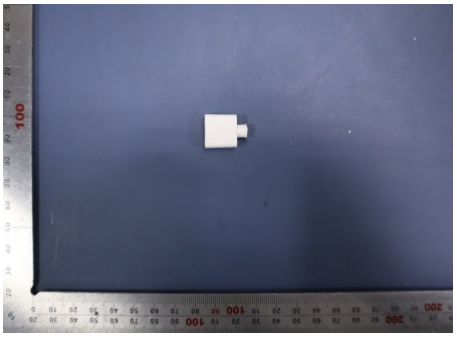

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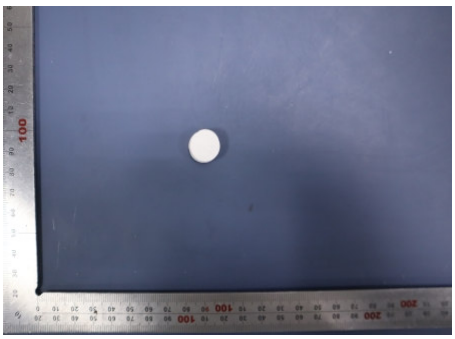

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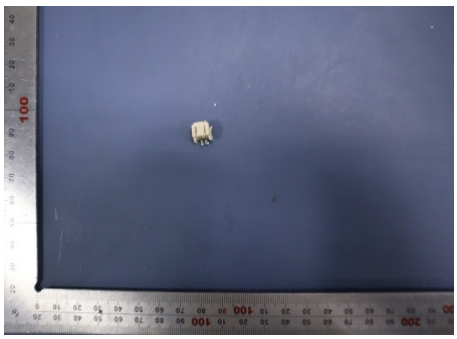

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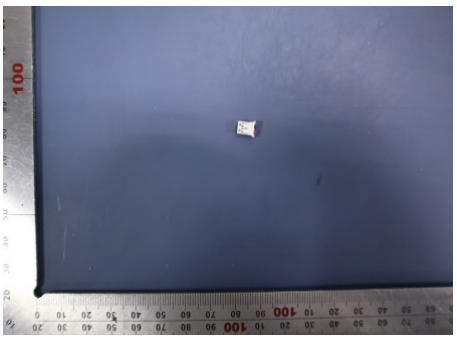

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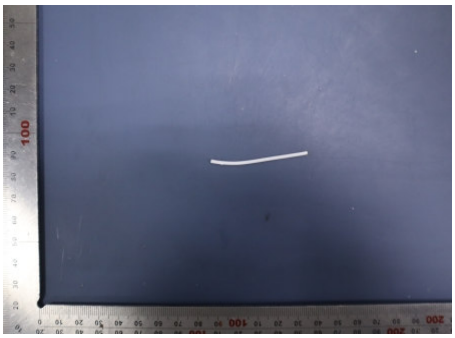

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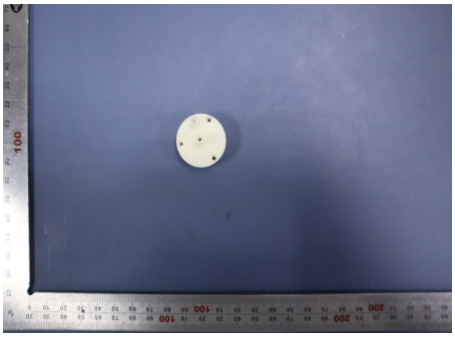

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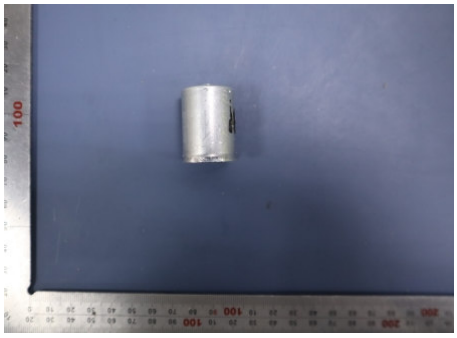

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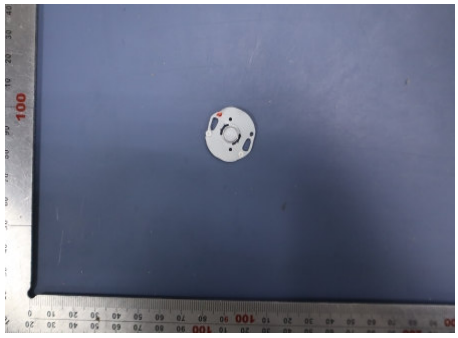

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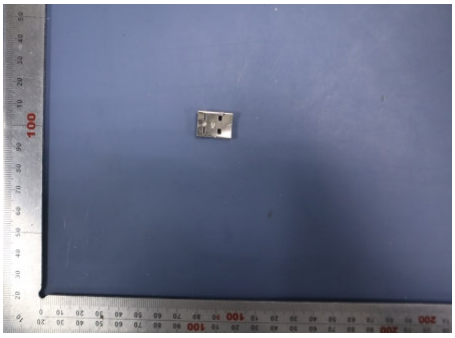

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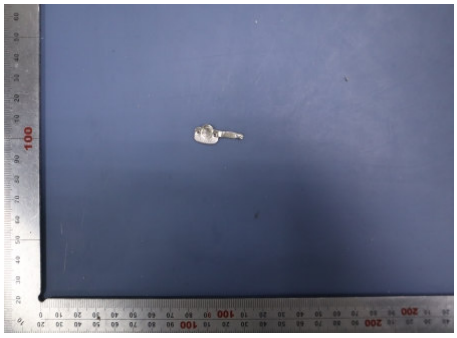

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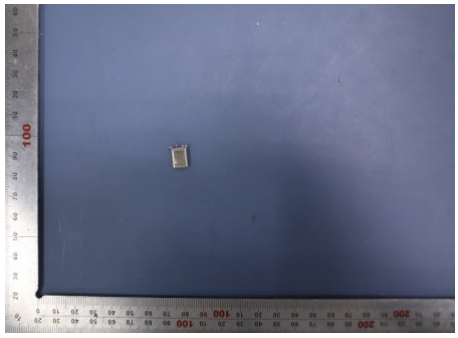

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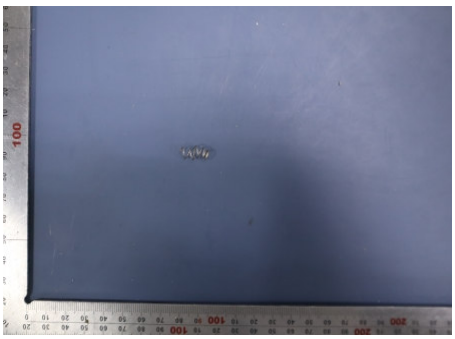

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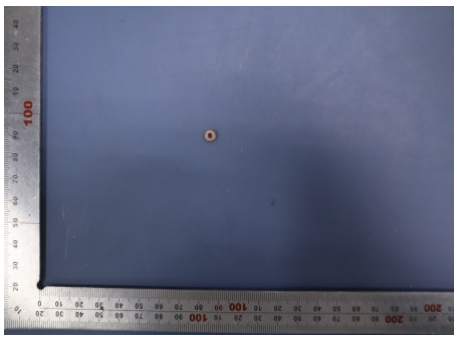

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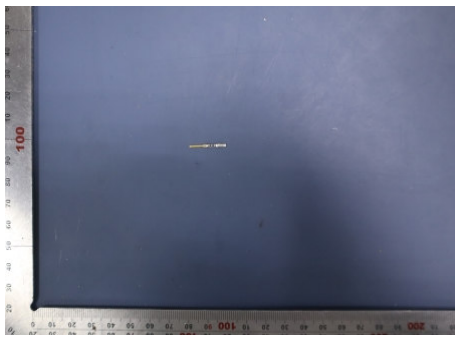

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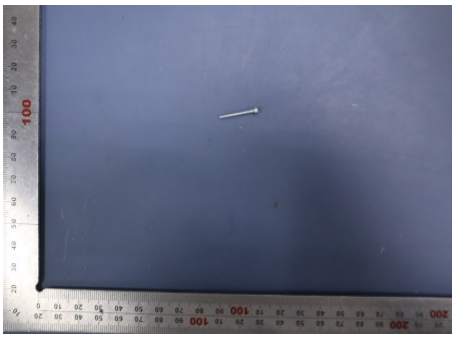

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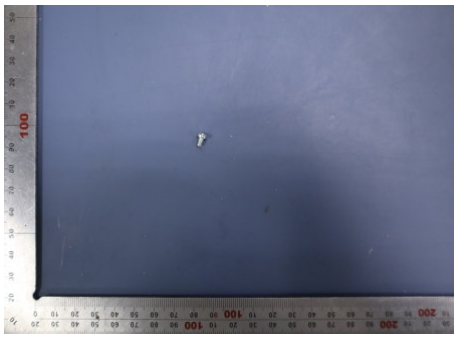

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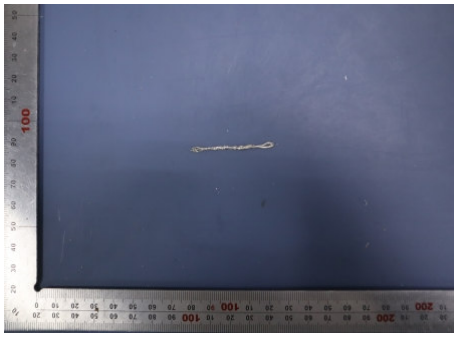

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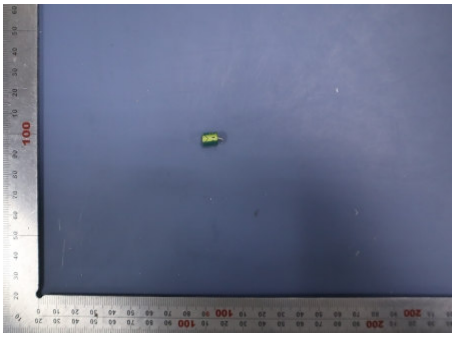

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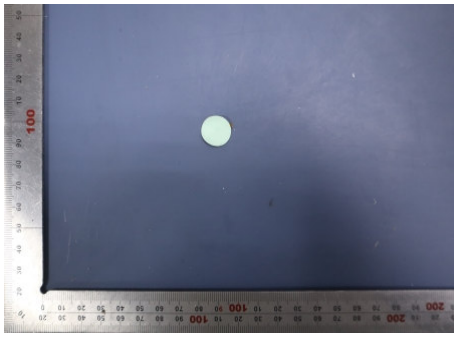

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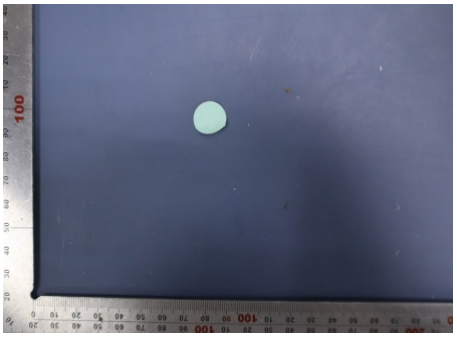

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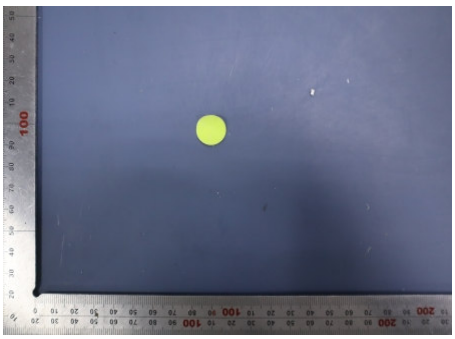

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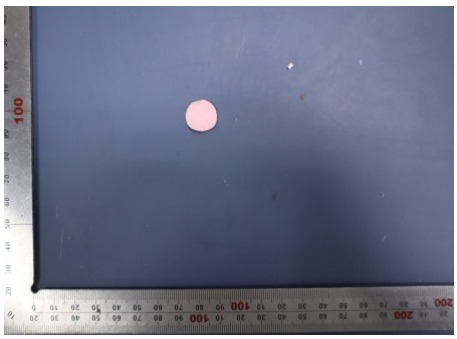

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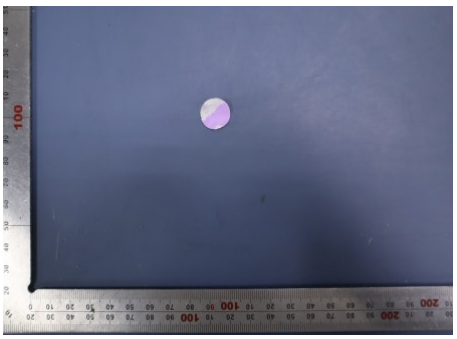

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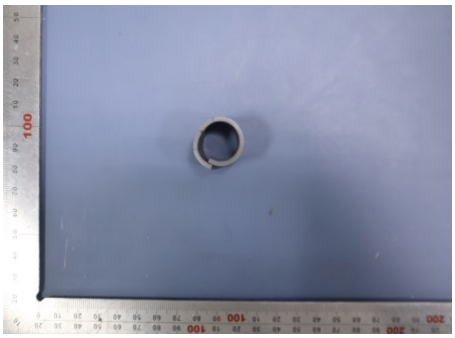

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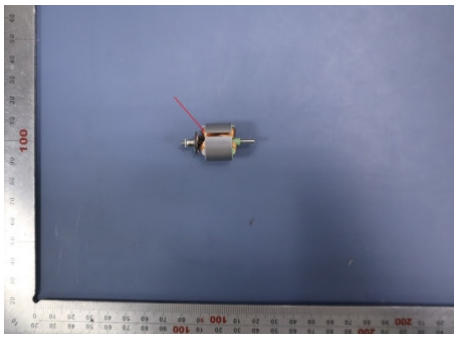

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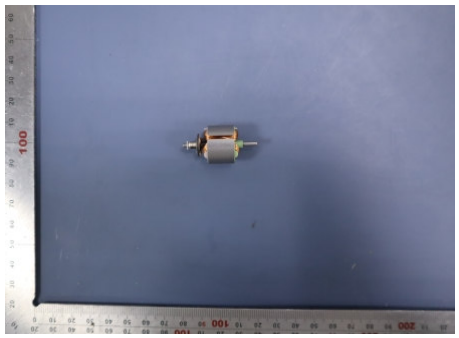

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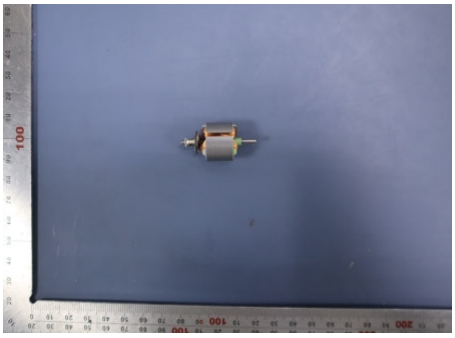

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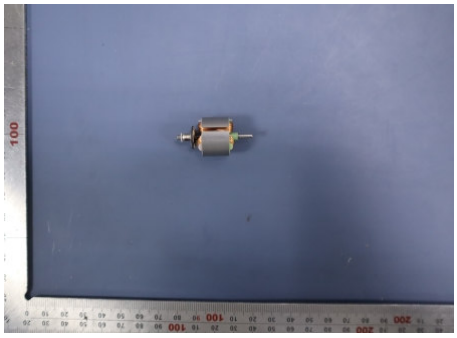

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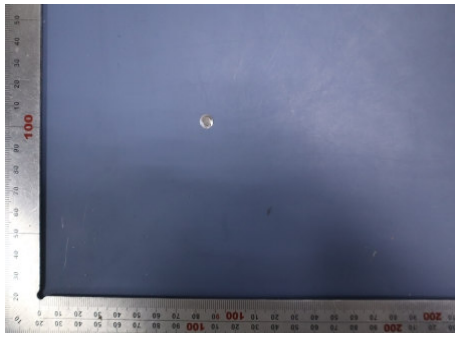

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TO BE CONTINUED

TEST RESULT

Part 1

A. Screening Test by XRF Spectroscopy

As specified by client, to analyze the contents of Lead, Cadmium, Mercury, Chromium, Bromine in the submitted sample by XRF. Screening limits in mg/kg for regulated elements in various matrices according to IEC 62321-3-1:2013

No.	Component	Test Results (mg/kg)				
		Cd	Pb	Hg	Cr	Br
		Limit (mg/kg)				
		100	1000	1000	Cr(VI): 1000	PBB:1000 PBDE:1000
1	White plastic with multi-color printing1	BL	BL	BL	BL	BL
2	White plastic block 1	BL	BL	BL	BL	BL
3	White plastic with multi-color printing 2	BL	BL	BL	BL	BL
4	White plastic block 2	BL	BL	BL	BL	BL
5	White plastic block 3	BL	BL	BL	BL	BL
6	White plastic block 4	BL	BL	BL	BL	BL
7	Transparent plastic block 1	BL	BL	BL	BL	BL
8	Clear plastic lid	BL	BL	BL	BL	BL
9	Translucent plastic blocks	BL	BL	BL	BL	BL
10	Transparent soft plastic tube	BL	BL	BL	BL	BL
11	Translucent soft plastic ring	BL	BL	BL	BL	BL
12	Teal plastic block with black printing	BL	BL	BL	BL	BL
13	Teal plastic block 1	BL	BL	BL	BL	BL
14	Teal plastic block 2	BL	BL	BL	BL	BL
15	Purple plastic blocks	BL	BL	BL	BL	BL
16	Light green plastic blocks	BL	BL	BL	BL	BL
17	Purple pink plastic blocks	BL	BL	BL	BL	BL
18	Yellow-green plastic blocks	BL	BL	BL	BL	BL
19	Light green soft plastic buttons	BL	BL	BL	BL	BL
20	Light green plastic frame	BL	BL	BL	BL	BL
21	Green circuit board 1	BL	BL	BL	NC	NC
22	Green board 2	BL	BL	BL	BL	NC
23	Transparent plastic lamp beads	BL	BL	BL	BL	NC
24	Black soft plastic block 1	BL	BL	BL	BL	BL
25	Black soft plastic block 2	BL	BL	BL	BL	BL
26	Black plastic blocks	BL	BL	BL	BL	BL
27	Black wire sheath 1	BL	BL	BL	BL	BL
28	Black wire sheath 2	BL	BL	BL	BL	BL
29	Red wire sheath 1	BL	BL	BL	BL	BL
30	Red wire sheath 2	BL	BL	BL	BL	BL
31	White wire sheath	BL	BL	BL	BL	BL
32	White plastic tongue	BL	BL	BL	BL	BL
33	White soft plastic plug	BL	BL	BL	BL	BL
34	White foam stickers	BL	BL	BL	BL	BL
35	Beige plastic headers	BL	BL	BL	BL	BL
36	White plastic fittings	BL	BL	BL	BL	BL
37	White wire sheath	BL	BL	BL	BL	BL
38	Gray plastic blocks	BL	BL	BL	BL	BL
39	Gray soft plastic blocks	BL	BL	BL	BL	BL

TO BE CONTINUED

TEST RESULT

40	Beige plastic blocks	BL	BL	BL	BL	BL
41	Silver metal case	BL	BL	BL	NC	NA
42	Silver metal block 1	BL	BL	BL	NC	NA
43	Silver metal block 2	BL	BL	BL	NC	NA
44	Silver metal flakes	BL	BL	BL	NC	NA
45	Silver metal block 3	BL	BL	BL	NC	NA
46	Silver metal springs	BL	BL	BL	NC	NA
47	Copper-colored metal block 1	BL	BL	BL	NC	NA
48	Silver-bronze metal pins	BL	BL	BL	NC	NA
49	Silver metal screws 1	BL	BL	BL	NC	NA
50	Silver metal screws 2	BL	BL	BL	NC	NA
51	Black metal screws	BL	BL	BL	NC	NA
52	Silver solder	BL	NC	BL	NC	NA
53	Silver wire	BL	BL	BL	NC	NA
54	Copper-colored wire	BL	BL	BL	NC	NA
55	Green components	BL	BL	BL	NC	NA
56	Light green cardboard	BL	BL	BL	BL	BL
57	Teal cardboard	BL	BL	BL	BL	BL
58	Yellow-green cardboard	BL	BL	BL	BL	BL
59	Pink cardboard	BL	BL	BL	BL	BL
60	Purple cardboard	BL	BL	BL	BL	BL
61	Black soft magnetic ring	BL	BL	BL	NC	NA
62	Copper-colored metal coils	BL	BL	BL	NC	NA
63	Silver metal block 4	BL	BL	BL	NC	NA
64	Silver-copper commutators	BL	BL	BL	NC	NA
65	Silver metal shaft	BL	BL	BL	NC	NA
66	Silver metal discs	BL	BL	BL	NC	NA

TO BE CONTINUED

TEST RESULT

Abbreviation:		
	Pb	denotes Lead
	Cd	denotes Cadmium
	Hg	denotes Mercury
	Cr	denotes Chromium
	Cr(VI)	denotes Chromium(VI)
	Br	denotes Bromine
	PBBs	denotes Total Polybrominated Biphenyls
	PBDEs	denotes Total Polybrominated Diphenyl Ethers
	NA	denotes Not Applicable
	NC	denotes Not Conclusive
	BL	denotes Below limit

XRF Screening limits for different materials:

Element	Polymers	Metals	Composite Material
Cd	BL ≤(70-3σ) ＜X ＜ (130+3σ) ≤ OL	BL ≤ (70-3σ) ＜ X ＜ (130+3σ) ≤OL	LOD＜X＜ (150+3σ) ≤OL
Pb	BL ≤ (700-3σ) ＜X ＜ (1300+3σ) ≤OL	BL ≤ (700-3σ) ＜ X ＜ (1300+3σ) ≤ OL	BL ≤ (500-3σ) ＜ X ＜ (1500+3σ) ≤ OL
Hg	BL ≤ (700-3σ) ＜ X ＜ (1300+3σ) ≤ OL	BL ≤ (700-3σ) ＜ X ＜ (1300+3σ) ≤ OL	BL ≤ (500-3σ) ＜X ＜ (1500+3σ) ≤OL
Br	BL ≤(300-3σ) ＜ X	/	BL ≤ (250-3σ) ＜ X
Cr	BL ≤ (700-3σ) ＜X	BL ≤ (700-3σ) ＜X	BL≤(500-3σ) ＜X

Note:
BL= Below limit
X = The region where further investigation is necessary
OL = Over limit
3σ = The repeatability of the analyzer at the action level
LOD = Limit of detection
XRF testing results are only used for reference.

TO BE CONTINUED

TEST RESULT

B. Confirmation Test by Wet Chemistry

Tested Item(s)	Test Method	Measured Equipment	MDL
Lead (Pb) /Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	10 mg/kg
Mercury (Hg)	IEC 62321-4:2013/AMD1:2017	ICP-OES	10 mg/kg
Hexavalent Chromium (Cr(VI))	IEC 62321-7-1:2015	UV-Vis	0.01μg/cm^2
	IEC62321-7-2:2017		10 mg/kg
Polybrominated Biphenyls（PBBs）	IEC 62321-6:2015	GC-MS	50 mg/kg
Polybrominated DiphenylEthers (PBDEs)			

Component No.	Boiling-water-extraction for Cr(VI) (*1)
41	Negative
42	Negative
43	Negative
44	Negative
45	Negative
46	Negative
47	Negative
48	Negative
49	Negative
50	Negative
51	Negative
52	Negative
53	Negative
54	Negative
55	Negative
61	Negative
62	Negative
63	Negative
64	Negative
65	Negative
66	Negative

Remark:

(*1) The screening result of Chromium (VI) was found in the inconclusive region, Thus the Chromium(VI) content in surface layer have been confirmed with reference to IEC 62321-7-1:2015.
Negative - The Cr(VI) concentration is below 0.10μg/cm^2.The coating is considered a non-Cr(VI) based coating.

TO BE CONTINUED

TEST RESULT

Component No.	Test Results (mg/kg)					
	Cd	Pb	Hg	Cr (VI)	PBBs	PBDEs
	Limit (mg/kg)					
	100	1000	1000	1000	1000	1000
21	\	\	\	ND	ND	ND
22	\	\	\	\	ND	ND
23	\	\	\	\	ND	ND
52	\	228	\	\	\	\

Note:

The sample had been dissolved totally tested for Lead, Cadmium, Mercury.
MDL = method detection limit
ND = not detected (<MDL)
mg/kg = ppm = parts per million
$\mu g/cm^2$ = micrograms per square centimeter

TO BE CONTINUED

TEST RESULT

Part 2

Diisobutyl phthalate (DIBP), Bis (2- ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP) and Dibutyl phthalate (DBP)

Test specification : Total concentration of Bis(2-ethylhexyl) phthalate (DEHP) , Butyl benzyl phthalate (BBP) , Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) in accordance with EC Directive 2011/65/EU and its amendment Directive (EU) 2015/863 (RoHS)

Test method : IEC 62321-8:2017

Limit : Annex II to Directive 2011/65/EU and its amendment Directive (EU) 2015/863

Component	Test Results (%)			
	DIBP	DEHP	BBP	DBP
	Limit (%)			
	0.1%	0.1%	0.1%	0.1%
1+2+3	ND	ND	ND	ND
4+5+6	ND	ND	ND	ND
7+8+9	ND	ND	ND	ND
10+11+12	ND	ND	ND	ND
13+14+15	ND	ND	ND	0.007
16+17+18	ND	ND	ND	ND
19+20+21	ND	ND	ND	ND
22+23+24	ND	ND	ND	ND
25+26+27	ND	ND	ND	ND
28+29+30	ND	ND	ND	ND
31+32+33	ND	ND	ND	ND
34+35+36	ND	ND	ND	ND
37+38+39	ND	ND	ND	ND
40	ND	ND	ND	ND

Note:
ND = Not Detected (＜0.005%)
0.1% equals to 1000 mg/kg

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

END OF THE REPORT