

TEST REPORT

APPLICANT

: Cixi Chun Shun Electrical Appliance Co., Ltd

ADDRESS: No.288,Zhouhu Road Tannan Village Industrial Zone,Zhouxiang,
Cixi,Ningbo,Zhejiang,China**SAMPLE DESCRIPTION**: Hand Mixer, Hand Blender, Citrus Juicer, Food Chopper,
Coffee Bean Grinder**ITEM NO.**: CS101A/CS101B/CS102A/CS102B/CS102C/CS102D/CS103A/CS103B/
CS103C/CS103D/CS104/HM1030B/CS104-1/CS105/CS106A/CS106B/
CS107/CS108A/CS108B/CS108C/CS108D/CS108-1A/CS108-1B/
CS108-1C/CS108-1D

(A:150W,B:200W,C:250W,D:300W)

CS201A/CS201B/CS201C/CS202A/CS202B/CS202C/CS202D/CS203A/
CS203B/CS203C/CS203D/CS204A/CS204B/CS204C/CS205D/CS205E/
CS206A/CS206B/CS206C/CS207A/CS207B/CS207C/CS208C/CS208D/
CS209D/CS209E/CS210D/CS210E/CS211A/CS211B/CS211C/CS212D/
CS212E/NF3300/NF3300E/CS213D/CS213E/CS214D/CS214E/CS215

(A:200W,B:300W,C:400W,D:600W,E:800W)

CS301/CS501/CS502/SL-903/CS503/CS504/CS601/CS602/CS603

COUNTRY OF ORIGIN

: China

SAMPLE RECEIVED DATE

: 25-Aug-2022

FURTHER INFORMATION

: 25-Oct-2022

DATE**TURN AROUND TIME**

: 25-Aug-2022 to 26-Oct-2022



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 (Shanghai) contact information

Customer service: AlisonChen2@eurofins.com/

Sales specialist: CocoWang@eurofins.com/ +86 216 1819 181

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

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



Joyce Liu
Lab Manager

Samples are obtained by express delivery, Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to info.sh@eurofins.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to chinacomplaint@eurofins.com and referring to this report number.

TEST SAMPLE PHOTO(S)



EFSH22081954-CG-05

TO BE CONTINUED

REFERENCE SAMPLE PHOTO(S)

	
CS101A,CS101B	CS102A,CS102B CS102C,CS102D
	
CS103A,CS103B CS103C,CS103D	CS104,HM1030B
	
CS104-1	CS105

The reference sample(s) has not been tested in current report, but according to customer's request, the picture has also been included. For sample tested in current report, please refer to "Test sample photo".

TO BE CONTINUED

REFERENCE SAMPLE PHOTO(S)

	
CS106A,CS106B	CS108A,CS108B CS108C,CS108D
	
CS108-1A,CS108-1B CS108-1C,CS108-1D	CS601

The reference sample(s) has not been tested in current report, but according to customer's request, the picture has also been included. For sample tested in current report, please refer to "Test sample photo".

TO BE CONTINUED

REFERENCE SAMPLE PHOTO(S)

	
CS201A,CS201B CS201C	CS202A,CS202B CS202C,CS202D
	
CS203A,CS203B CS203C,CS203D	CS204A,CS204B CS204C
	
CS205D,CS205E	CS206A,CS206B CS206C

The reference sample(s) has not been tested in current report, but according to customer's request, the picture has also been included. For sample tested in current report, please refer to "Test sample photo".

TO BE CONTINUED

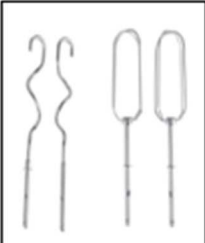
REFERENCE SAMPLE PHOTO(S)

	
CS207A,CS207B CS207C	CS208C,CS208D
	
CS209D,CS209E	CS211A,CS211B CS211C
	
CS212D,CS212E NF3300,NF3300E	CS301

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TO BE CONTINUED

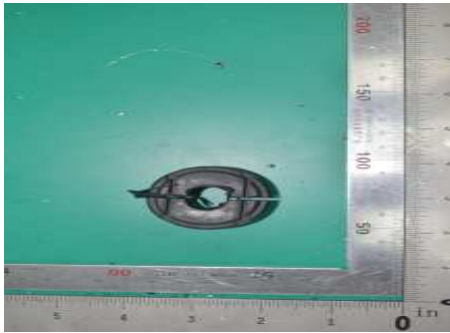
REFERENCE SAMPLE PHOTO(S)

					
CS501			CS502,SL-903		
					

The reference sample(s) has not been tested in current report, but according to customer's request, the picture has also been included. For sample tested in current report, please refer to "Test sample photo".

TO BE CONTINUED

COMPONENT PHOTO(S)



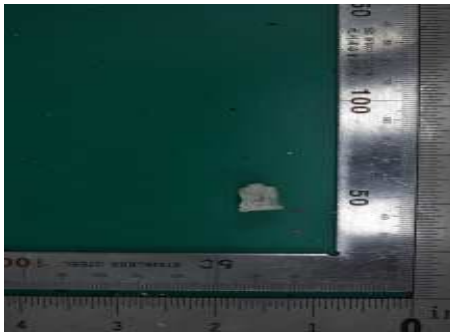
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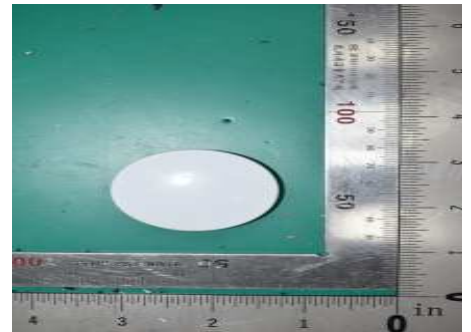
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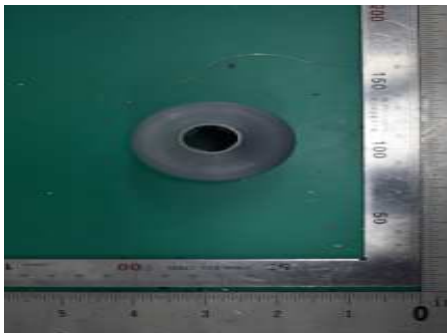
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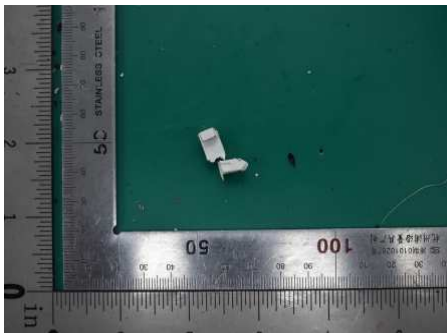
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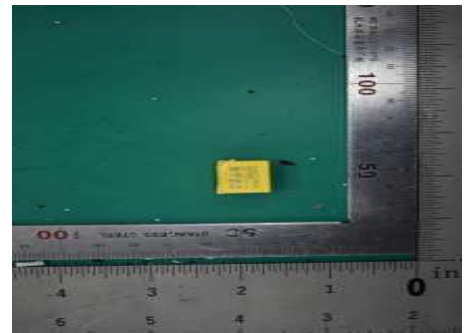
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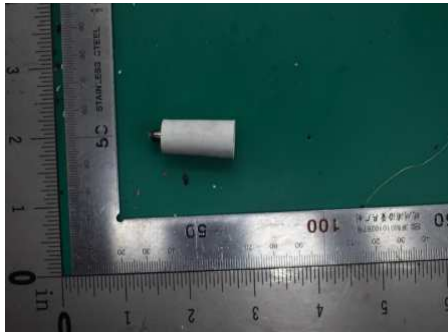
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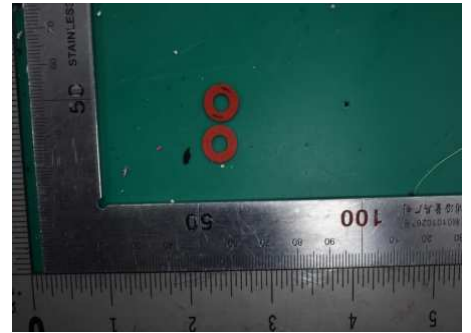
COMPONENT PHOTO(S)



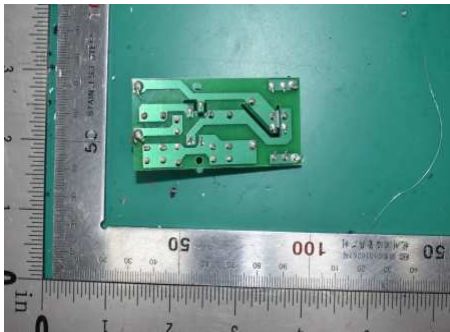
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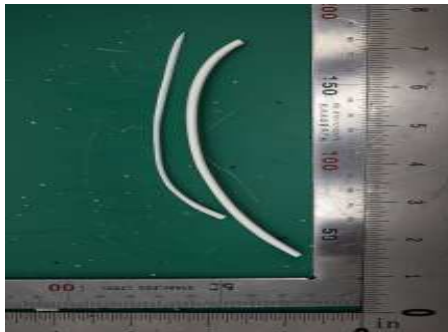
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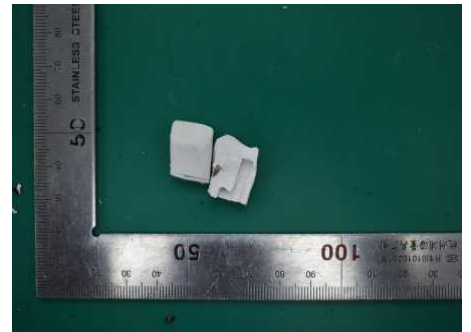
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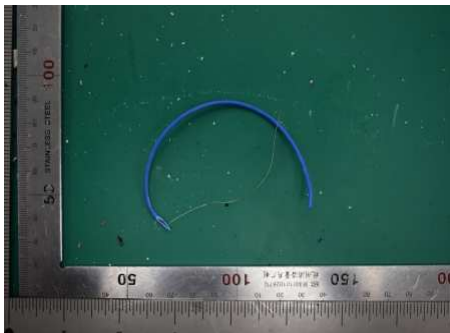
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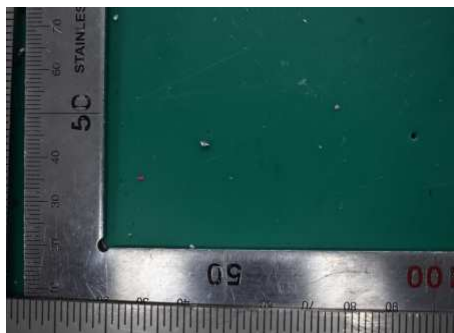
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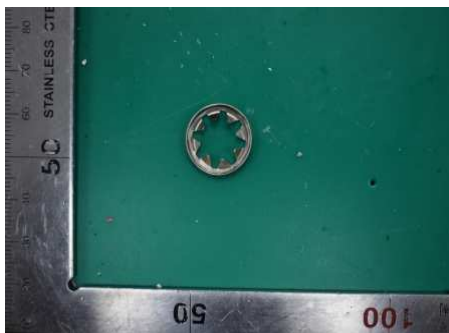
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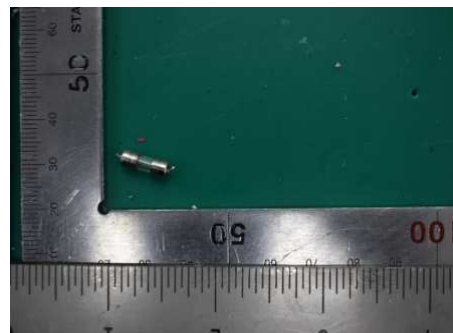
COMPONENT PHOTO(S)



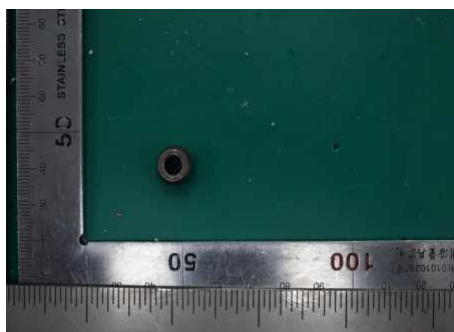
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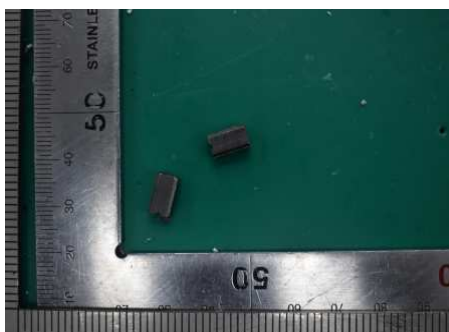
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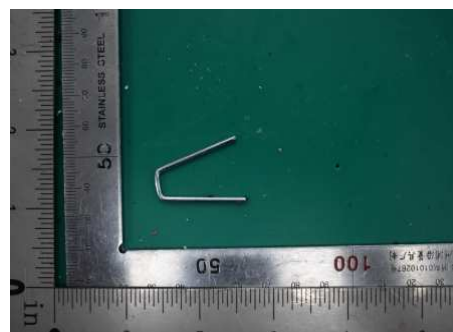
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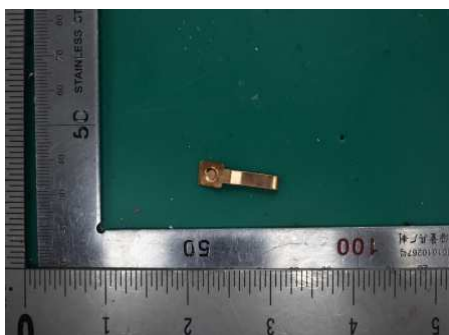
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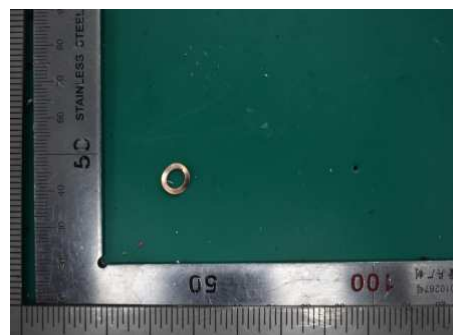
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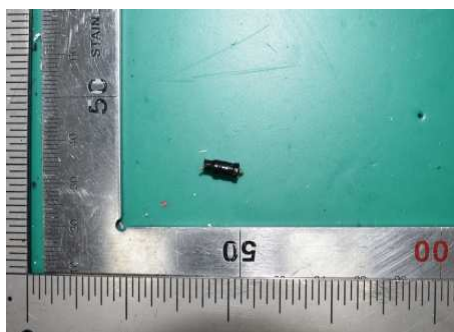
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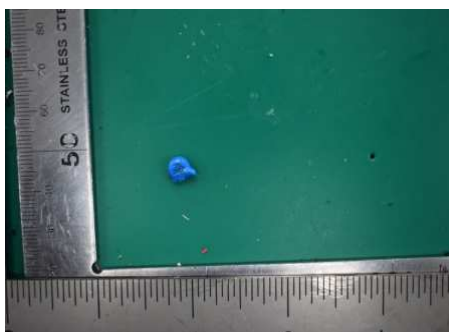
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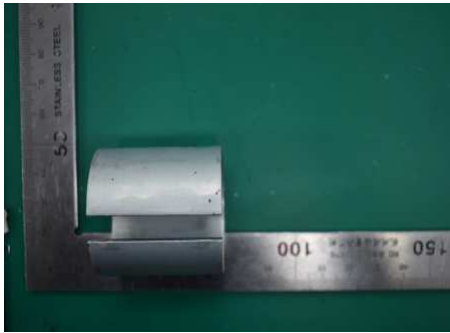
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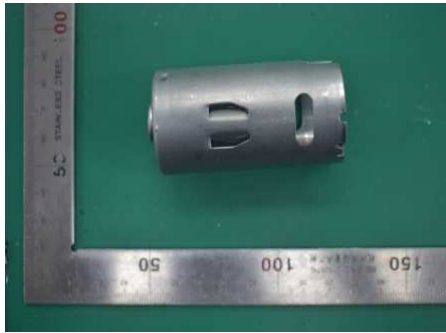
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COMPONENT PHOTO(S)



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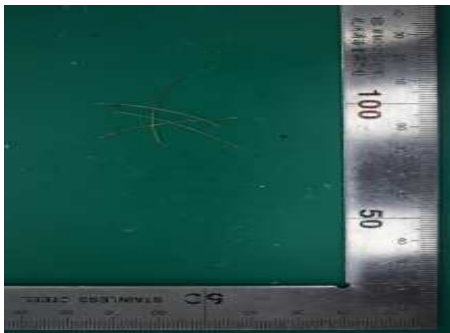
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TO BE CONTINUED

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	Black plastic 1	BL	BL	BL	BL	BL
2	Black plastic 2	BL	BL	BL	BL	BL
3	Gray plastic 1	BL	BL	BL	BL	BL
4	Beige plastic	BL	BL	BL	BL	BL
5	White plastic button	BL	BL	BL	BL	BL
6	White plastic cover	BL	BL	BL	BL	BL
7	White plastic body	BL	BL	BL	BL	BL
8	Grey plastic 2	BL	BL	BL	BL	BL
9	White plastic 1	BL	BL	BL	BL	BL
10	Black plastic 3	BL	BL	BL	BL	BL
11	White plastic plug	BL	BL	BL	BL	NC
12	Yellow plastic	BL	BL	BL	BL	NC
13	Beige plastic cover	BL	BL	BL	BL	NC
14	White plastic 2	BL	BL	BL	BL	NC
15	Red plastic sheet	BL	BL	BL	BL	BL
16	Circuit board	BL	BL	BL	BL	NC
17	White coated leather	BL	BL	BL	BL	BL
18	White soft plastic	BL	BL	BL	BL	BL
19	Blue wire cover 1	BL	BL	BL	BL	BL
20	Brown wire cover 1	BL	BL	BL	BL	BL
21	Silver metal motor shaft	BL	BL	BL	BL	NA
22	Red wire cover	BL	BL	BL	BL	BL
23	Brown wire cover 2	BL	BL	BL	BL	BL
24	Gray wire cover	BL	BL	BL	BL	BL
25	Tin solder	BL	BL	BL	BL	NA
26	Silver metal ring	BL	BL	BL	NC	NA
27	Silver metal lamp	BL	BL	BL	BL	NA
28	Silver metal ball	BL	BL	BL	BL	NA
29	Carbon rod	BL	BL	BL	BL	NA
30	Silver metal buckle	BL	BL	BL	NC	NA
31	Gold metal sheet	BL	BL	BL	BL	NA
32	Gold metal sheet	BL	BL	BL	BL	NA
33	Gold metal ring	BL	BL	BL	BL	NA
34	Black electrical component 1	BL	BL	BL	BL	NA
35	Blue electrical components	BL	BL	BL	BL	NA
36	Magnet	BL	BL	BL	BL	NA
37	Silver metal sleeve	BL	BL	BL	BL	NA
38	Silver metal shell	BL	BL	BL	BL	NA
39	Silver metal leaf	BL	BL	BL	NC	NA

TO BE CONTINUED

TEST RESULT

No.	Component	Test Results (mg/kg)				
		Cd	Pb	Hg	Cr	Br
		Limit (mg/kg)				
		100	1000	1000	Cr(VI): 1000	PBB:1000 PBDE:1000
40	Silver metal plug	BL	(*2)	BL	BL	NA
41	Silver metal screw	BL	BL	BL	BL	NA
42	Silver metal shaft	BL	BL	BL	NC	NA
43	Copper wire	BL	BL	BL	BL	NA
44	Silver metal on the motor	BL	BL	BL	BL	NA
45	Gold metal sheet on the motor	BL	BL	BL	BL	NA

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	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (300-3\sigma) < X$	/	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

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.

(*2) As a copper alloy containing up to 4% lead by weight (RoHS Exemption 6(c)).

The total lead content of component No.40 analyzed by IEC62321-3-1:2013 is 1280mg/kg 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	2 mg/kg
Mercury (Hg)	IEC 62321-4:2013/AMD1:2017	ICP-OES	2 mg/kg
Hexavalent Chromium (Cr(VI))	IEC 62321-7-1:2015	UV-Vis	0.01µg/cm ²
	IEC 62321-7-2:2017		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)
26	Negative
30	Negative
39	Negative
42	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/cm².The coating is considered a non-Cr(VI) based coating.

Component No.	Test Results (mg/kg)					
	Cd	Pb	Hg	Cr (VI)	PBBs	PBDEs
	Limit (mg/kg)					
	100	1000	1000	1000	1000	1000
11	-	-	-	-	ND	ND
12	-	-	-	-	ND	ND
13	-	-	-	-	ND	ND
14	-	-	-	-	ND	ND
16	-	-	-	-	ND	ND

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

µg/cm² = 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	0.013	ND	ND
13+14+15	ND	ND	ND	ND
16	ND	ND	ND	ND
17+18+19	ND	ND	ND	0.017
20	ND	ND	ND	ND
22+23+24	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