



Test Report

Report No. A226013276110203R1

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Company Name YANGZHOU YANGJIE ELECTRONIC TECHNOLOGY CO., LTD.
shown on Report
Address NO. 56, XINGAN EAST ROAD, YANGZHOU AUTO INDUSTRY PARK, JIANGSU PROVINCE, CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name Module
Sample Received Date Feb. 27, 2026
Testing Period Feb. 27, 2026 to Apr. 8, 2026

Test Requested As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP) in the submitted sample(s).

Test Method/Test Result(s) Please refer to the following page(s).



Approved by



Date

Apr. 14, 2026

Chen kaimin
Lab Manager

No. R794241400

Centre Testing International Pinbiao(Shanghai) Co., Ltd.

No.1351, Wanfang Road, Minhang District, Shanghai, China

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The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

CTI Sample ID	Reference Report No. - CTI Sample ID
7	A2260132761102R1-6
9.1	A2260132761102R1-8.1
9.2	A2260132761102R1-8.2
10.1	A2260132761102R1-8.1
10.2	A2260132761102R1-8.2
11.1	A2260132761102R1-8.1
11.2	A2260132761102R1-8.2
12.1	A2260132761102R1-8.1
12.2	A2260132761102R1-8.2
13.1	A2260132761102R1-8.1
13.2	A2260132761102R1-8.2
14.1	A2260132761102R1-8.1
14.2	A2260132761102R1-8.2

Remark:

The samples with the reference information in the table above are non-tested in this report. According to the client's statement, the material of the samples in the column "Reference Report No. - CTI Sample ID. " in the table above are the same as the " CTI Sample ID ".

Conclusion

Tested Sample	According to standard/directive	Result
Submitted Sample	RoHS Directive 2011/65/EU with amendment (EU) 2015/863	PASS

PASS means that the results shown on the report comply with the limits set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.

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Test Method

Tested Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013	ICP-OES
	Refer to IEC 62321-5:2013	
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
	Refer to IEC 62321-5:2013	
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
	Refer to IEC 62321-4:2013+AMD1:2017 CSV	
Hexavalent Chromium (Cr(VI))	IEC 62321-7-1:2015	UV-Vis
	IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
Polybrominated Biphenyls (PBBs)	IEC 62321-12:2023	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-12:2023	GC-MS
Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-12:2023	GC-MS

Test Result(s)

Tested Item(s)	Result			RL	Limit
	1	2.1	2.2		
Lead (Pb)	N.D.	N.D.	N.D.	10 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	N.D.	N.D.	10 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	N.D.	N.D.	10 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	--	N.D.▼	N.D.▼	0.10 µg/cm ² (LOQ)	1000 mg/kg
	N.D.	--	--	20 mg/kg	1000 mg/kg

Tested Item(s)	Result			RL	Limit
	3.1	3.2	4.1		
Lead (Pb)	11 mg/kg	N.D.	N.D.	10 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	N.D.	N.D.	10 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	N.D.	N.D.	10 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	N.D.▼	N.D.▼	N.D.▼	0.10 µg/cm ² (LOQ)	1000 mg/kg
	--	--	--	20 mg/kg	1000 mg/kg

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Tested Item(s)	Result			RL	Limit
	4.2	5	6		
Lead (Pb)	30758 mg/kg*	N.D.	19 mg/kg	10 mg/kg	1000 mg/kg
Cadmium (Cd)	26 mg/kg	N.D.	N.D.	10 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	N.D.	N.D.	10 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	N.D. ▼	--	N.D. ▼	0.10 µg/cm ² (LOQ)	1000 mg/kg
	--	N.D.	--	20 mg/kg	1000 mg/kg

Tested Item(s)	Result			RL	Limit
	8.1	8.2	15		
Lead (Pb)	94 mg/kg	30 mg/kg	14039 mg/kg* ¹	10 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	N.D.	N.D.	10 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	N.D.	N.D.	10 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	N.D. ▼	N.D. ▼	--	0.10 µg/cm ² (LOQ)	1000 mg/kg
	--	--	N.D.	20 mg/kg	1000 mg/kg

Tested Item(s)	Result		RL	Limit
	16	17		
Lead (Pb)	N.D.	924759 mg/kg* ²	10 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	N.D.	10 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	N.D.	10 mg/kg	1000 mg/kg
Hexavalent Chromium (Cr(VI))	--	N.D. ▼	0.10 µg/cm ² (LOQ)	1000 mg/kg
	N.D.	--	20 mg/kg	1000 mg/kg

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Tested Item(s)	Result			RL	Limit
	1	5	15		
Polybrominated Biphenyls (PBBs)					
Monobromobiphenyl	N.D.	N.D.	N.D.	100 mg/kg	1000 mg/kg
Dibromobiphenyl	N.D.	N.D.	N.D.	100 mg/kg	
Tribromobiphenyl	N.D.	N.D.	N.D.	100 mg/kg	
Tetrabromobiphenyl	N.D.	N.D.	N.D.	100 mg/kg	
Pentabromobiphenyl	N.D.	N.D.	N.D.	100 mg/kg	
Hexabromobiphenyl	N.D.	N.D.	N.D.	100 mg/kg	
Heptabromobiphenyl	N.D.	N.D.	N.D.	100 mg/kg	
Octabromobiphenyl	N.D.	N.D.	N.D.	100 mg/kg	
Nonabromobiphenyl	N.D.	N.D.	N.D.	100 mg/kg	
Decabromobiphenyl	N.D.	N.D.	N.D.	100 mg/kg	

Tested Item(s)	Result	RL	Limit
	16		
Polybrominated Biphenyls (PBBs)			
Monobromobiphenyl	N.D.	100 mg/kg	1000 mg/kg
Dibromobiphenyl	N.D.	100 mg/kg	
Tribromobiphenyl	N.D.	100 mg/kg	
Tetrabromobiphenyl	N.D.	100 mg/kg	
Pentabromobiphenyl	N.D.	100 mg/kg	
Hexabromobiphenyl	N.D.	100 mg/kg	
Heptabromobiphenyl	N.D.	100 mg/kg	
Octabromobiphenyl	N.D.	100 mg/kg	
Nonabromobiphenyl	N.D.	100 mg/kg	
Decabromobiphenyl	N.D.	100 mg/kg	

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Tested Item(s)	Result			RL	Limit
	1	5	15		
Polybrominated Diphenyl Ethers (PBDEs)					
Monobromodiphenyl ether	N.D.	N.D.	N.D.	100 mg/kg	1000 mg/kg
Dibromodiphenyl ether	N.D.	N.D.	N.D.	100 mg/kg	
Tribromodiphenyl ether	N.D.	N.D.	N.D.	100 mg/kg	
Tetrabromodiphenyl ether	N.D.	N.D.	N.D.	100 mg/kg	
Pentabromodiphenyl ether	N.D.	N.D.	N.D.	100 mg/kg	
Hexabromodiphenyl ether	N.D.	N.D.	N.D.	100 mg/kg	
Heptabromodiphenyl ether	N.D.	N.D.	N.D.	100 mg/kg	
Octabromodiphenyl ether	N.D.	N.D.	N.D.	100 mg/kg	
Nonabromodiphenyl ether	N.D.	N.D.	N.D.	100 mg/kg	
Decabromodiphenyl ether	N.D.	N.D.	N.D.	100 mg/kg	

Tested Item(s)	Result		RL	Limit
	16			
Polybrominated Diphenyl Ethers (PBDEs)				
Monobromodiphenyl ether	N.D.		100 mg/kg	1000 mg/kg
Dibromodiphenyl ether	N.D.		100 mg/kg	
Tribromodiphenyl ether	N.D.		100 mg/kg	
Tetrabromodiphenyl ether	N.D.		100 mg/kg	
Pentabromodiphenyl ether	N.D.		100 mg/kg	
Hexabromodiphenyl ether	N.D.		100 mg/kg	
Heptabromodiphenyl ether	N.D.		100 mg/kg	
Octabromodiphenyl ether	N.D.		100 mg/kg	
Nonabromodiphenyl ether	N.D.		100 mg/kg	
Decabromodiphenyl ether	N.D.		100 mg/kg	

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Tested Item(s)	Result			RL	Limit
	1	5	15		
Phthalates (DBP, BBP, DEHP, DIBP)					
Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	N.D.	N.D.	50 mg/kg	1000 mg/kg
Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	N.D.	N.D.	50 mg/kg	1000 mg/kg
Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	N.D.	N.D.	50 mg/kg	1000 mg/kg
Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	N.D.	N.D.	50 mg/kg	1000 mg/kg

Tested Item(s)	Result	RL	Limit
	16		
Phthalates (DBP, BBP, DEHP, DIBP)			
Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg	1000 mg/kg
Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg	1000 mg/kg
Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg	1000 mg/kg
Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg	1000 mg/kg

Sample/Part Description

No.	CTI Sample ID	Description
1	1	White plastic
2	2.1	Silvery plating
3	2.2	Metal base
4	3.1	Light blue plating
5	3.2	Metal base
6	4.1	Silvery plating
7	4.2	Metal base
8	5	Colorless transparent adhesive
9	6	Silvery metal pin
10	8.1	Silvery plating
11	8.2	Metal base
12	15	Silvery electronic component(Tested as a whole)
13	16	PCB(Tested as a whole)
14	17	Silvery soldering tin

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Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.
The sample(s) was tested as a whole, because it's impossible to disassemble or separate it by current equipment and technology. The result(s) shown on this report may be different from the content of any homogeneous material.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL or LOQ)

-mg/kg = ppm = parts per million

-1000 mg/kg = 0.1%

-LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 $\mu\text{g}/\text{cm}^2$

-▼The sample is negative for Cr(VI) – The Cr(VI) concentration is below 0.10 $\mu\text{g}/\text{cm}^2$. The coating is considered a non-Cr(VI) based coating. Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

-*=According to the client's statement, the material of the sample(s) fall into exemption items 6(c) according to EU Directive 2011/65/EU: Copper alloy containing up to 4% lead by weight.

-*¹=According to the client's statement, the material of the sample(s) fall into exemption items 7(c)-I according to EU Directive 2011/65/EU: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

-*²=According to the client's statement, the material of the sample(s) fall into exemption items 7(a) according to EU Directive 2011/65/EU: Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead).

The test result(s) of this report is/are presented in reference to the result(s) that reported in A2260132761102R1.

Note: This testing report added "Appendix" based on the original report of No. A226013276110203. This testing report displaces the original one which was invalid since the date of this testing report released.

Test Report

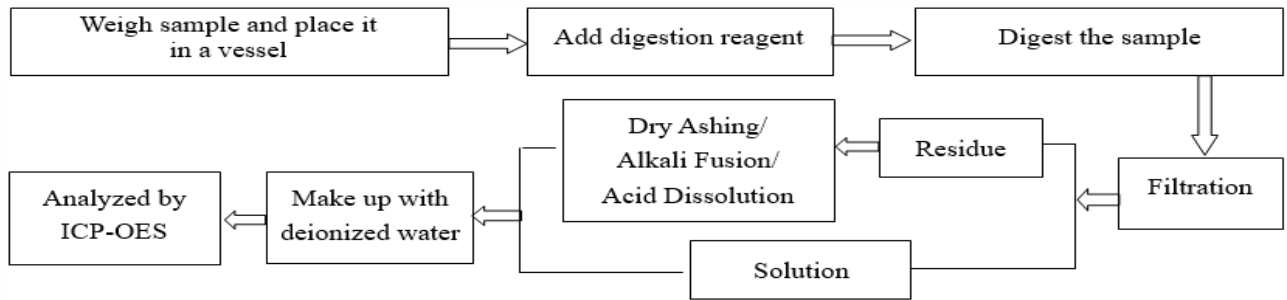
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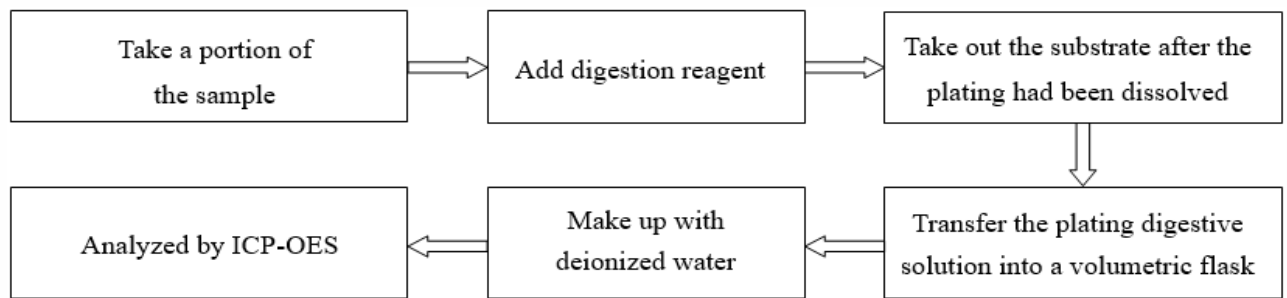
Test Process

1. Lead (Pb), Cadmium (Cd), Chromium(Cr)

(1) IEC 62321-5:2013

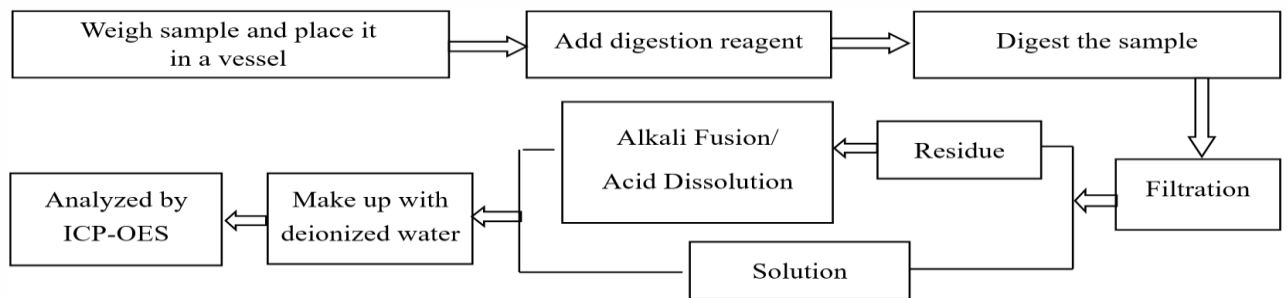


(2) Refer to IEC 62321-5:2013

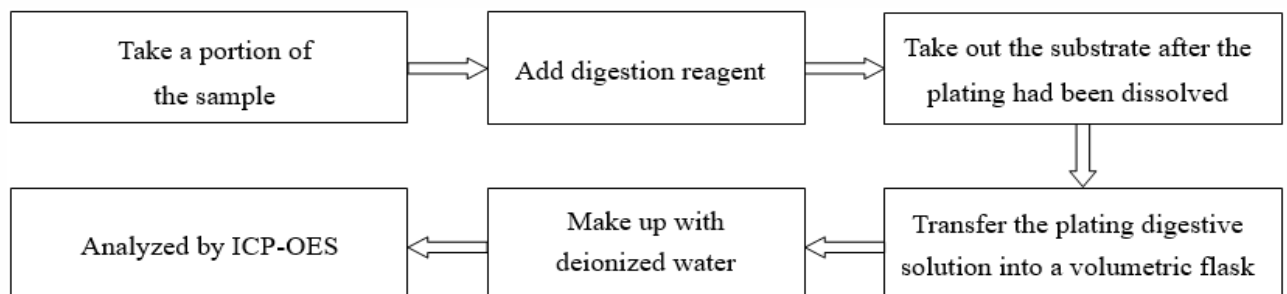


2. Mercury (Hg)

(1) IEC 62321-4:2013+AMD1:2017 CSV



(2) Refer to IEC 62321-4:2013+AMD1:2017 CSV



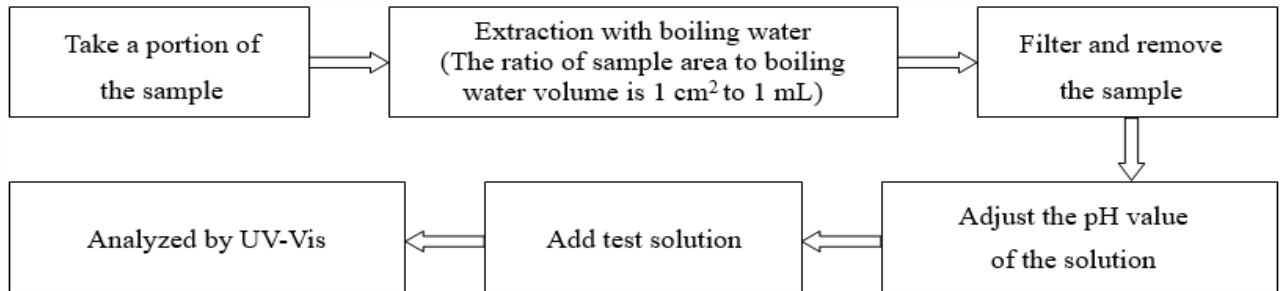
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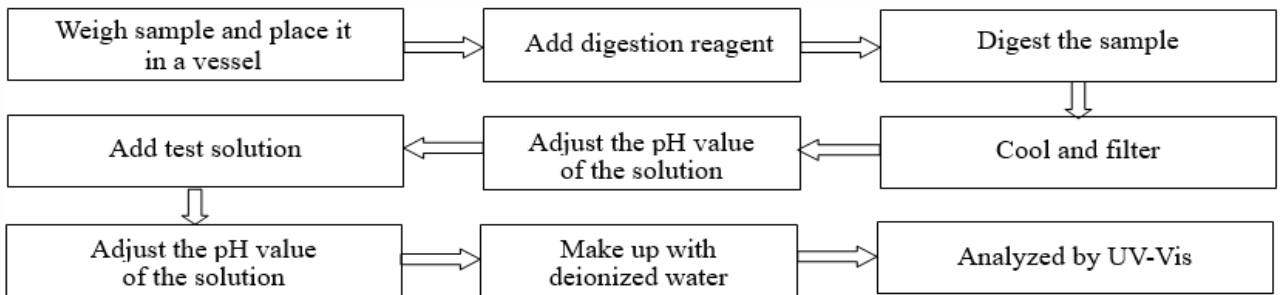
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3. Hexavalent Chromium (Cr(VI))

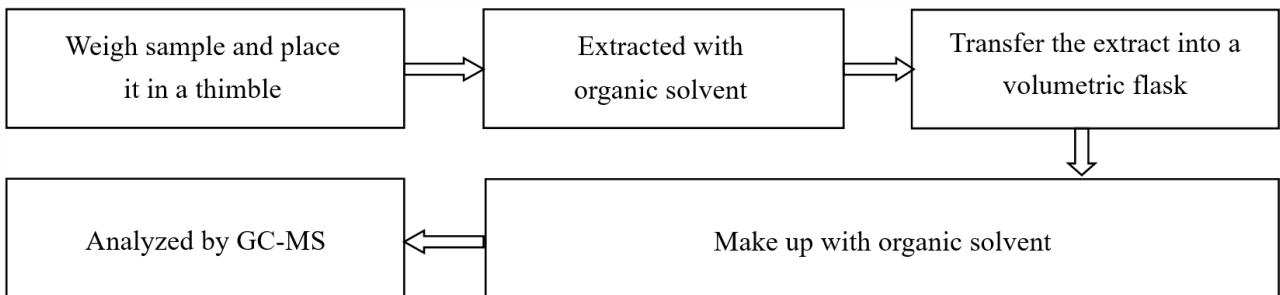
(1) IEC 62321-7-1:2015



(2) IEC 62321-7-2:2017



4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP)



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Photo(s) of the sample(s)

Final Product

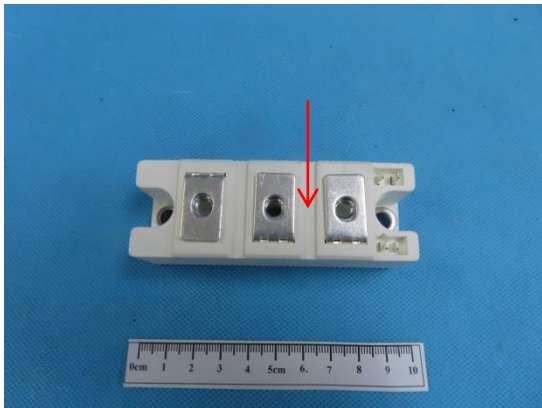


1

Final Product



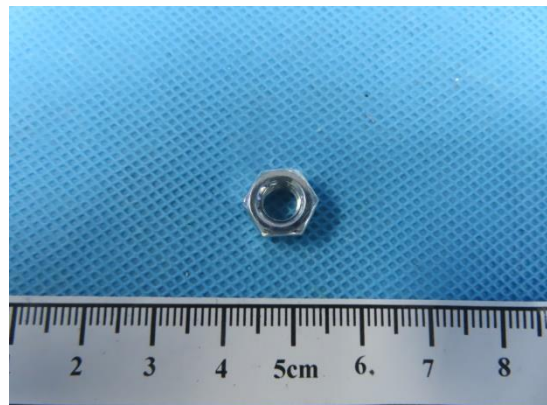
2.1



2.2



3.1

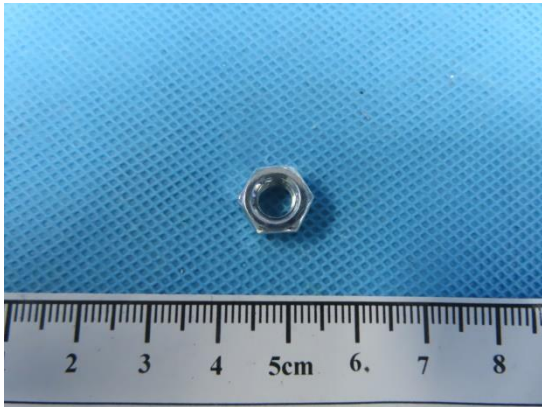


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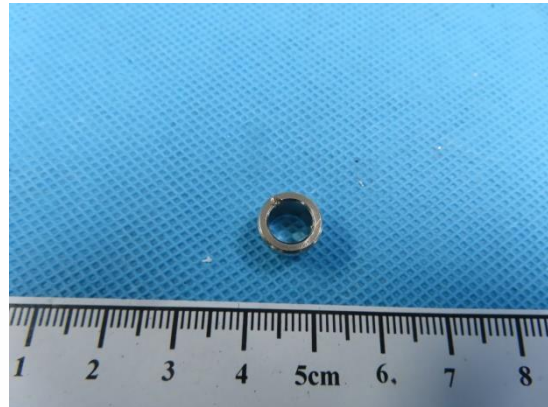
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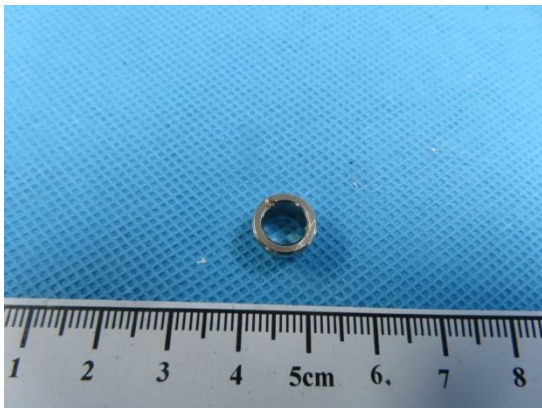
3.2



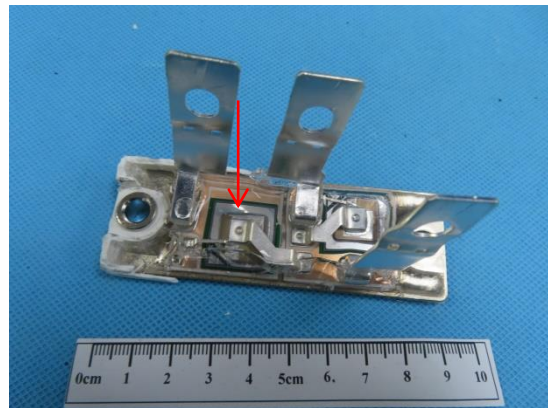
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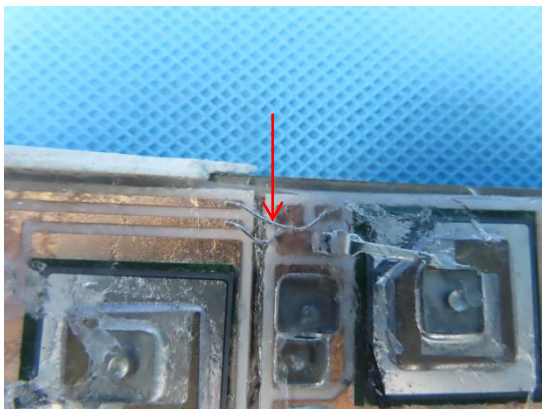
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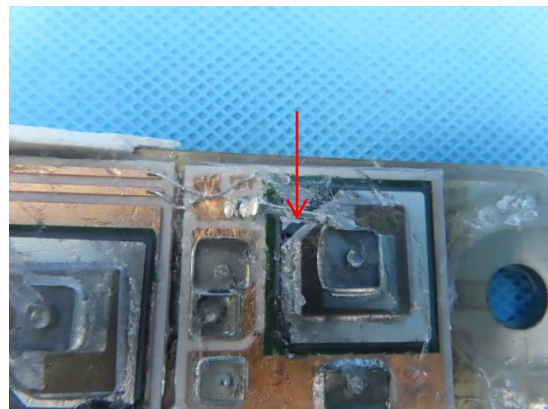
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6



7(Client Reference Photo(Non-tested sample))

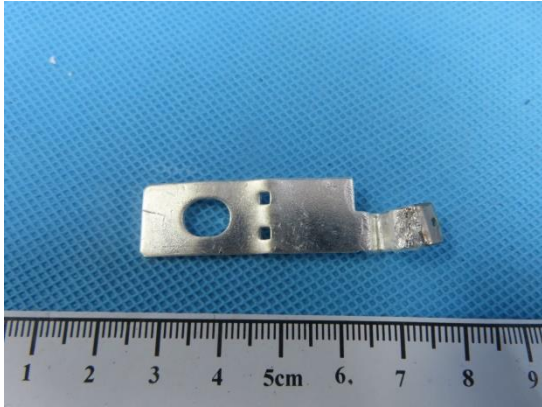


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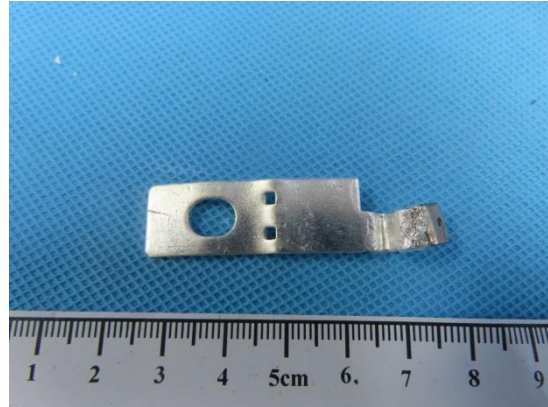
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8.1

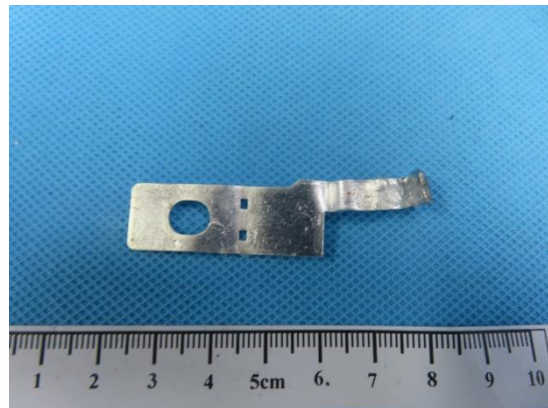
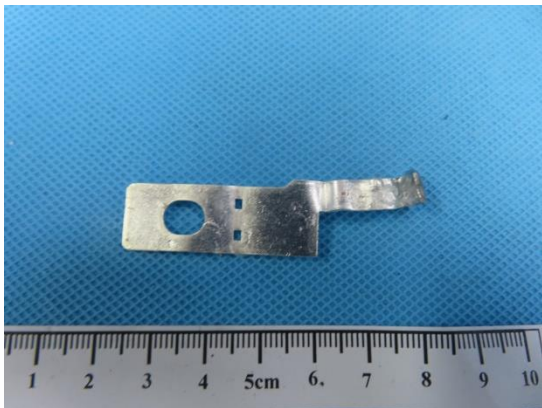


8.2



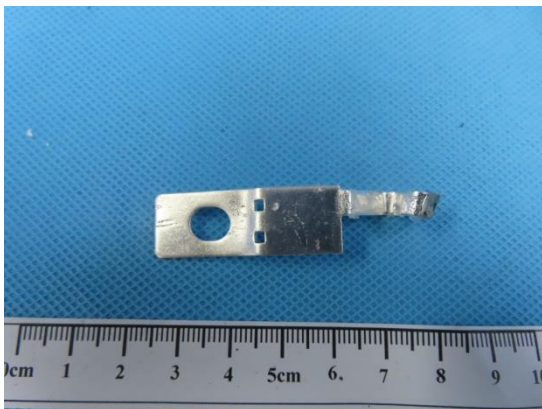
9.1(Client Reference Photo(Non-tested sample))

9.2(Client Reference Photo(Non-tested sample))



10.1(Client Reference Photo(Non-tested sample))

10.2(Client Reference Photo(Non-tested sample))

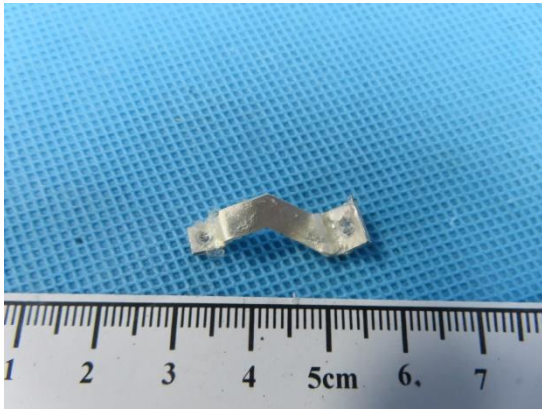


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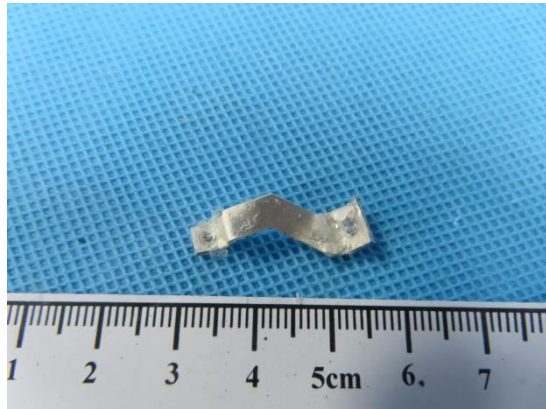
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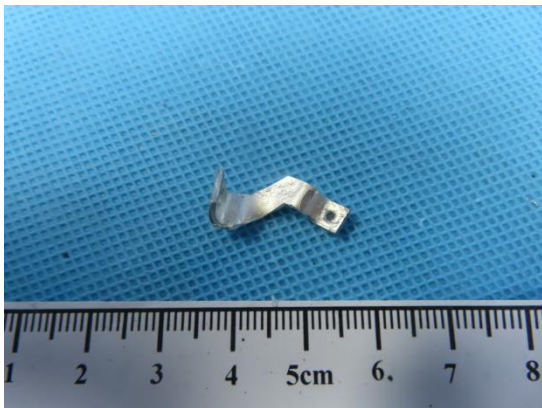
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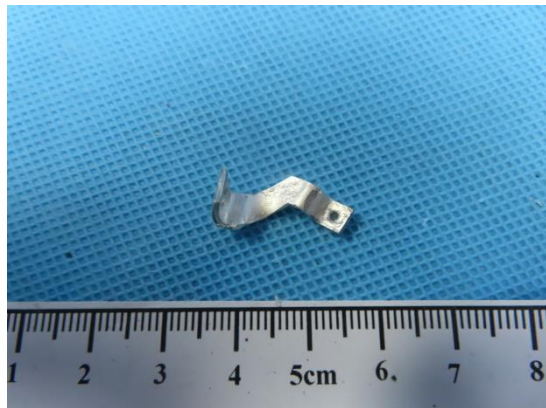
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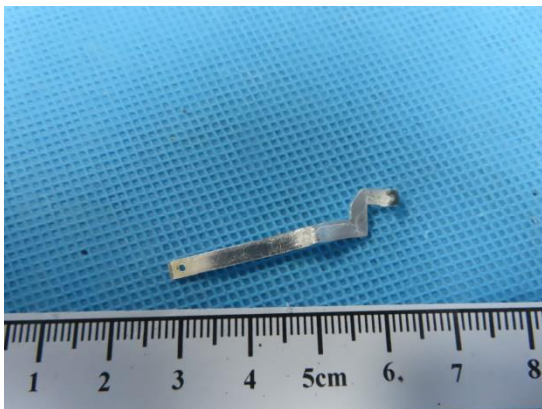
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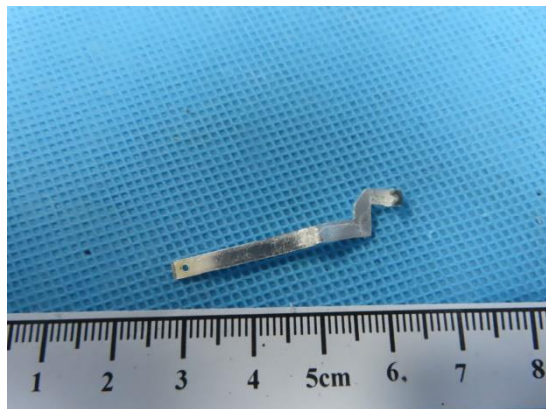
12.2(Client Reference Photo(Non-tested sample))



13.1(Client Reference Photo(Non-tested sample))



13.2(Client Reference Photo(Non-tested sample))



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14.1(Client Reference Photo(Non-tested sample))

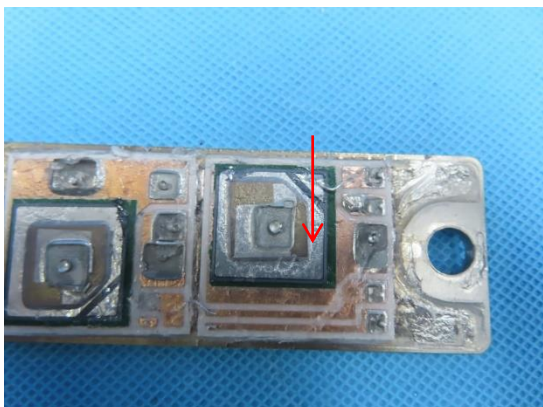
14.2(Client Reference Photo(Non-tested sample))



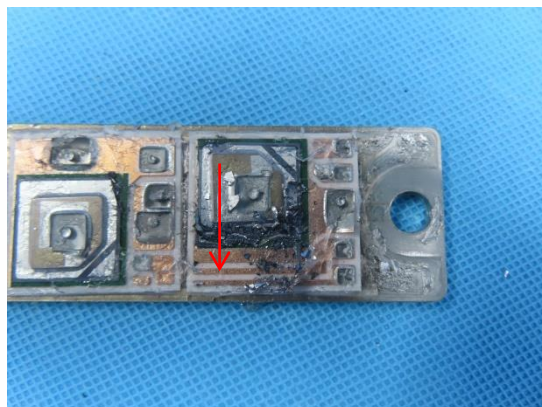
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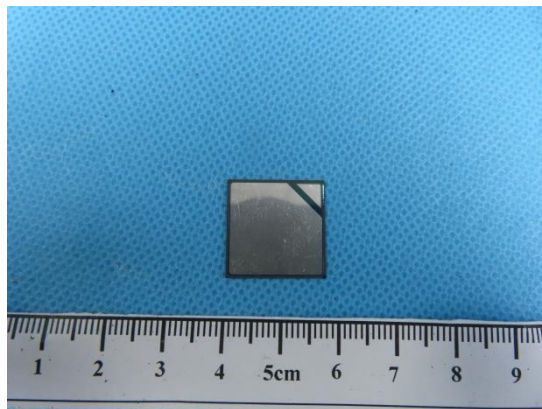
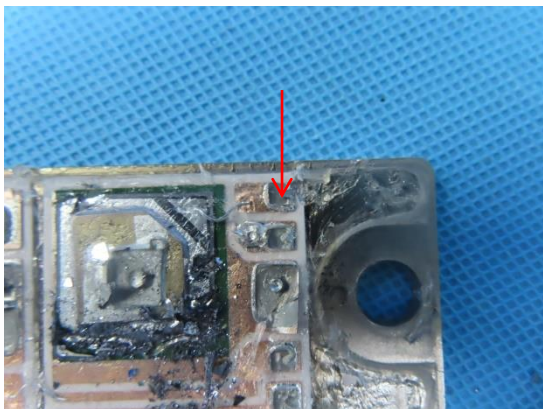
16



17



15

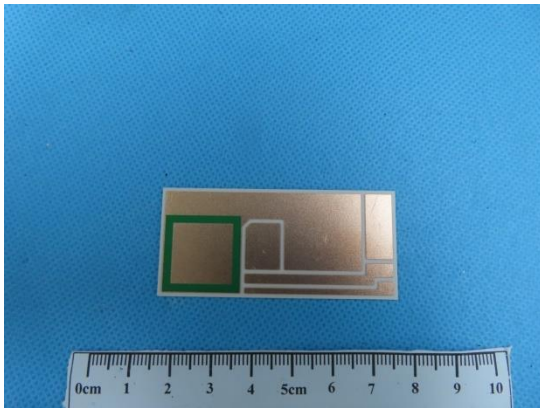


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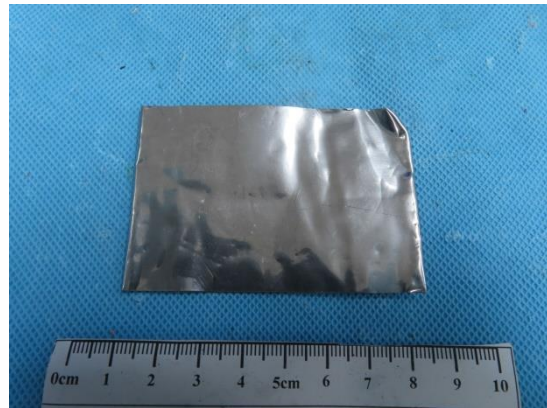
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Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the reports (if generated), the Chinese version shall prevail.

*** End of Report ***

Appendix

Client Reference Information

D1, D2, D1N, D3, D5, DA, M1, M1N, M2, M3, M4, M5, M7, M8, M9, NM2, NM3
F0, F1, F2, F2D, F2N, F3, F4N, FJ, F5, F6, GJ, FS
L1, L2, T1, T1A, T1D, T2, T2A
C1, C2, C3, C21, C2A, C1L
P2, P2S, P2N, P3, P3S
E1, E1A, E2, E2A, E3

Statement:

1. The Appendix Information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.
2. The Appendix Information is/are the supplement(s) for the Report A226013276110203R1.

