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Applicant: Chengdu Leiqu Information Technology Co., Ltd.

No.1102,11th Floor, Building 1, No.69 Tianfu 3rd Street, Chengdu High-tech Zone,

Address: China (Sichuan) Pilot Free-Trade Zone

The following merchandise were submitted and identified by the clients as:

Sample Name: 4G CPE 3i Model No.: B313-322

Date Of Submission: August 21, 2024

Testing Period: From August 21, 2024 to September 11, 2024

SUMMARY OF TEST RESULTS					
TEST REQUESTED	CONCLUSION				
Heavy Metals, Flame Retardants and Phthalates Conten	t -European Parliament and				
Council Directive 2011/65/EU on the Restriction of the Us	se of Certain Hazardous				
Substances in Electrical and Electronic Equipment (RoH	S) with its Amendment PASS				
Directive 2015/863/EU	2100 -100				

Test Result(s): Please refer to next page(s).

Signed for and on behalf of ULAB TESTING CA

Approved by:





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Test Item(s)	Component Description(s)	Style(s)
1	White adhesive soft plastic with black printing	-
2	White plastic	-
3	White plastic with black printing	10
4	White plastic	-10-
5	Silvery metal with black plating	(1)) -
6	Silvery metal with black plating	_
7	Black plastic	-
8	Silvery metal	-
9	Silvery metal	
10	Black plastic	1110.
11	Silvery metal	-
12	Red glue	-
13	Black plastic	-
14	Silvery metal	_\
15	Black plastic	4 / CI-
16	Silvery metal	(0) -
17	Silvery metal	-
18	Black soft plastic with gray printing	-
19	Silvery metal	10
20	Black soft plastic	
21	Silvery metal	1117
22	Natural paper with electrolyte	
23	Silvery gray metal	-
24	Gun metal	-
25	Gray plastic	40
26	Silvery metal	1/0
27	Silvery metal	
28	Black plastic	-
29	Silvery metal	-
30	Silvery metal	10
31	Black plastic	-10-
32	Silvery metal	(2)) -
33	Silvery metal with black printing	

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0.		
Test Item(s)	Component Description(s)	Style(s)
34	Black plastic	-
35	Black soft plastic	-
36	Silvery metal	-
37	Natural paper with electrolyte	10 10
38	Silvery gray metal	3, 10,
39	Silvery gray metal	(0) -
40	Golden metal	-
41	White soft plastic	-
42	Golden metal	
43	White adhesive soft plastic with black printing	
44	White adhesive soft plastic with black printing	4/10-
45	White paper with adhesive	
46	Silvery metal	-
47	Black plastic	-
48	Golden plating metal	
49	Silvery metal	7, (C).
50	White adhesive soft plastic with black printing	
51	Silvery metal	-
52	Copper metal	-
53	Blue silica	10 10
54	Yellow LED	20
55	White LED	3),,
56	Black body	
57	Silvery metal	-
58	Black body	-
59	Black/white body	(0)
60	Black magnet	allo.
61	Copper metal	
62	Silvery body	-
63	Black body	-
64	Black body	0 0
65	Black body	3, 10,
66	Gun body	30) -
67	Beige body	

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Test Item(s)	Component Description(s)	Style(s)
68	Black body	-
69	Green PCB	-
70	Silvery solder	-
71	Green PCB	10
72	White soft plastic	E.10-
73	White plastic	(()) -
74	Blue soft plastic	_
75	Silvery metal	-
76	White plastic	-
77	Silvery metal	
78	Silvery metal	1110-
79	White plastic	-
80	White plastic	-
81	White plastic	-
82	Brown soft plastic	
83	Silvery metal	1/0/-
84	Transparent soft plastic	() -
85	Silvery metal	-
86	Silvery solder	-
87	Black sponge with adhesive	10
88	Green PCB	- 102



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Test Result(s)

Heavy Metals, Flame Retardants Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its

Amendments Commission Delegated Directive (EU) 2015/863

Test Method:

IEC62321-3-1:2013, IEC62321-5:2013, IEC62321-6:2015, IEC62321-7-1:2015,

analyzed by EDXRF & ICP-OES & AAS & GC-MS & UV-Vis.

	Result(mg/kg)						
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs	PBDEs	Conclusion
Test Item(s)	70	-70	-	70.	-70	-	70-
1.	BL	BL	BL	BL	BL	BL	PASS
2.	BL	BL	BL	BL	BL	BL	PASS
3.	BL	BL	BL	BL	BL	BL	PASS
4.	BL	BL	BL	BL	BL	BL	PASS
5.	BL	BL	BL	Negative	NA	NA	PASS
6.	BL	BL	BL	Negative	NA	NA	PASS
7.	BL	BL	BL	BL	BL	BL	PASS
8.	BL	BL	BL	BL	NA	NA	PASS
9.	BL	BL	BL	BL	NA	NA	PASS
10.	BL	BL	BL	BL	BL	BL	PASS
11.	BL	BL	BL	BL	NA	NA	PASS
12.	BL	BL	BL	BL	BL	BL	PASS
13.	BL	BL	BL	BL	BL	BL	PASS
14.	BL	BL	BL	BL	NA	NA	PASS
15.	BL	BL	BL	BL	ND	ND	PASS
16.	BL	BL	BL	BL	NA	NA	PASS
17.	BL	BL	BL	BL	NA	NA	PASS
18.	BL	BL	BL	BL	BL	BL	PASS
19.	BL	BL	BL	BL	NA	NA	PASS
20.	BL	BL	BL	BL	BL	BL	PASS
21.	BL	BL	BL	BL	NA	NA	PASS
22.	BL	BL	BL	BL	BL	BL	PASS
23.	BL	BL	BL	BL	NA	NA	PASS
24.	BL	BL	BL	BL	NA	NA	PASS
25.	BL	BL	BL	BL	BL	BL	PASS
26.	BL	BL	BL	BL	NA	NA	PASS

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	Result(mg/kg)						
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs	PBDEs	Conclusion
Test Item(s)	-	-	-	-	-	-	-
27.	BL	BL	BL	Negative	NA	NA	PASS
28.	BL	BL	BL	BL	BL	BL	PASS
29.	BL	BL	BL	BL	NA	NA	PASS
30.	BL	BL	BL	Negative	NA	NA	PASS
31.	BL	BL	BL	BL	BL	BL	PASS
32.	BL	BL	BL	BL	NA	NA	PASS
33.	BL	BL	BL	BL	NA	NA	PASS
34.	BL	BL	BL	BL	BL	BL	PASS
35.	BL	BL	BL	BL	BL	BL	PASS
36.	BL	BL	BL	BL	NA	NA	PASS
37.	BL	BL	BL	BL	BL	BL	PASS
38.	BL	BL	BL	BL	NA	NA	PASS
39.	BL	BL	BL	BL	NA	NA	PASS
40.	30472#	BL	BL	BL	NA	NA	EXEMPTED
41.	BL	BL	BL	BL	BL	BL	PASS
42.	31232#	BL	BL	BL	NA	NA	EXEMPTED
43.	BL	BL	BL	BL	BL	BL	PASS
44.	BL	BL	BL	BL	BL	BL	PASS
45.	BL	BL	BL	BL	BL	BL	PASS
46.	BL	BL	BL	Negative	NA	NA	PASS
47.	BL	BL	BL	BL	BL	BL	PASS
48.	BL	BL	BL	BL	NA	NA	PASS
49.	BL	BL	BL	Negative	NA	NA	PASS
50.	BL	BL	BL	BL	BL	BL	PASS
51.	BL	BL	BL	Negative	NA	NA	PASS
52.	BL	BL	BL	BL	NA	NA	PASS
53.	BL	BL	BL	BL	BL	BL	PASS
54.	BL	BL	BL	BL	BL	BL	PASS
55.	BL	BL	BL	BL	BL	BL	PASS
56.	BL	BL	BL	BL	BL	BL	PASS
57.	BL	BL	BL	BL	BL	BL	PASS
58.	BL	BL	BL	BL	BL	BL	PASS
59.	BL	BL	BL	BL	BL	BL	PASS
60.	BL	BL	BL	BL	BL	BL	PASS

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	Result(mg/kg)						10,
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs	PBDEs	Conclusion
Test Item(s)	-	-	-	-	-	-	-
61.	BL	BL	BL	BL	NA	NA	PASS
62.	BL	BL	BL	BL	BL	BL	PASS
63.	BL	BL	BL	BL	BL	BL	PASS
64.	BL	BL	BL	BL	BL	BL	PASS
65.	BL	BL	BL	BL	BL	BL	PASS
66.	BL	BL	BL	BL	BL	BL	PASS
67.	BL	BL	BL	BL	BL	BL	PASS
68.	BL	BL	BL	BL	BL	BL	PASS
69.	BL	BL	BL	BL	BL	BL	PASS
70.	BL	BL	BL	BL	NA	NA	PASS
71.	BL	BL	BL	BL	BL	BL	PASS
72.	BL	BL	BL	BL	BL	BL	PASS
73.	BL	BL	BL	BL	BL	BL	PASS
74.	BL	BL	BL	BL	BL	BL	PASS
75.	36065#	BL	BL	BL	NA	NA	EXEMPTED
76.	BL	BL	BL	BL	BL	BL	PASS
77.	BL	BL	BL	BL	NA	NA	PASS
78.	30151 [#]	BL	BL	BL	NA	NA	EXEMPTED
79.	BL	BL	BL	BL	BL	BL	PASS
80.	BL	BL	BL	BL	BL	BL	PASS
81.	BL	BL	BL	BL	BL	BL	PASS
82.	BL	BL	BL	BL	BL	BL	PASS
83.	BL	BL	BL	BL	NA	NA	PASS
84.	BL	BL	BL	BL	BL	BL	PASS
85.	BL	BL	BL	BL	NA	NA	PASS
86.	BL	BL	BL	BL	NA	NA	PASS
87.	BL	BL	BL	BL	BL	BL	PASS
88.	BL	BL	BL	BL	ND	ND	PASS

Remark:

(1) ①The test results shown as "BL" are obtained by EDXRF for primary screening (for Cr (VI), the EDXRF screening result is expressed as Cr, and for PBBs and PBDEs, the EDXRF screening results are expressed as Br), and the test results shown as exact data are obtained by further wet chemical testing by ICP-OES (for Cd, Pb, Hg), AAS (for Cd, Pb), UV-VIS (for Cr (VI)) and GC-MS (for PBBs and PBDEs).

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②The EDXRF screening test for RoHS elements - The reading may be different to the actual content in the sample be of non-uniformity composition.

Unit: mg/kg

Element	Polymers	Metal	Composite material
Pb	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(500-3σ) <x<(1500+3σ) ≤OL</x<(1500+3σ)
Cd	BL≤(70-3σ) <x<(130+3σ)≤ ol<="" td=""><td>BL≤(70-3σ)<x<(130+3σ)≤ ol<="" td=""><td>LOD<x<(150+3σ)≤ol< td=""></x<(150+3σ)≤ol<></td></x<(130+3σ)≤></td></x<(130+3σ)≤>	BL≤(70-3σ) <x<(130+3σ)≤ ol<="" td=""><td>LOD<x<(150+3σ)≤ol< td=""></x<(150+3σ)≤ol<></td></x<(130+3σ)≤>	LOD <x<(150+3σ)≤ol< td=""></x<(150+3σ)≤ol<>
Hg	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(500-3σ) <x<(1500+3σ) ≤OL</x<(1500+3σ)
Cr	BL≤(700-3σ) <x< td=""><td>BL≤(700-3σ)<x< td=""><td>BL≤(500-3σ)<x< td=""></x<></td></x<></td></x<>	BL≤(700-3σ) <x< td=""><td>BL≤(500-3σ)<x< td=""></x<></td></x<>	BL≤(500-3σ) <x< td=""></x<>
Br	BL≤(300-3σ) <x< td=""><td>10</td><td>BL≤(250-3σ)<x< td=""></x<></td></x<>	10	BL≤(250-3σ) <x< td=""></x<>

③OL = Over Limit, BL = Below Limit, X = Inconclusive, NA = Not Applicable.

Units and limits:

Restricted Substances	Pb	Cd	Hg	Cr (VI)	PBBs	PBDEs
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
limit	1000	100	1000	1000	1000	1000

- (2) ①mg/kg = ppm = 0.0001%, ND = Not Detected (Less than RL).
 - 2 Unit and RL (Reporting limit) in wet chemical test.

Restricted Substances	Pb	Cd	Hg	Cr (VI)	PBBs(single)	PBDEs(single)
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RL	10	10	10	10	50	50

- ③ According to IEC 62321-7-1:2015, result on Cr (VI) for metal sample is shown as Positive/Negative. Negative = Absence of Cr (VI) coating, Positive = Presence of Cr (VI) coating. Storage condition and production date of the tested sample are unavailable and thus results of Cr (VI) represent status of the sample at the time of testing.
- (3) # = Per applicant's declaration, according to exemption list clause 6(c) Copper alloy containing up to 4% lead by weight, the tested material was exempted.





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Phthalates Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments Commission Delegated Directive (EU) 2015/863

Test Method: IEC 62321-8:2017, Analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

VO	Result (r	Requirement		
Analytes	1+18+20	2+3+4+7+10+12	(mg/kg)	
Dibutyl phthalate (DBP)	ND	ND	1000	
Di-(2-ethyl hexyl) phthalate (DEHP)	ND	ND	1000	
Benzyl butyl phthalate (BBP)	ND	ND	1000	
Di-(iso-butyl) phthalate (DIBP)	ND	ND	1000	
Conclusion	PASS	PASS	110	

		D		
Analytes	13+15+25+28+ 31+34	44+50	35+41+43	Requirement (mg/kg)
Dibutyl phthalate (DBP)	ND	ND	ND	1000
Di-(2-ethyl hexyl) phthalate (DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-(iso-butyl) phthalate (DIBP)	ND	ND	ND	1000
Conclusion	PASS	PASS	PASS	-

Analytes	Result (mg/kg)		Requirement
	45+47+53+54+55	69+71	(mg/kg) 1000
Dibutyl phthalate (DBP)	ND	ND	
Di-(2-ethyl hexyl) phthalate (DEHP)	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	1000
Di-(iso-butyl) phthalate (DIBP)	ND	ND	1000
Conclusion	PASS	PASS) -





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Analytes	Result (mg/kg))
	72+74+82	73+76+79+80+ 81	84+87+88	Requirement (mg/kg)
Dibutyl phthalate (DBP)	ND	ND	ND	1000
Di-(2-ethyl hexyl) phthalate (DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-(iso-butyl) phthalate (DIBP)	ND	ND	ND	1000
Conclusion	PASS	PASS	PASS	-

Note / Key:

ND = Not detected

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

MDL= Method Detection Limit = 50mg/kg.

The composite test sample(s) of the submitted samples was prepared in the manner requested by the client, when subject to the test performed



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Photo of the Submitted Sample



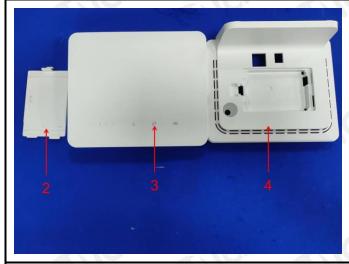




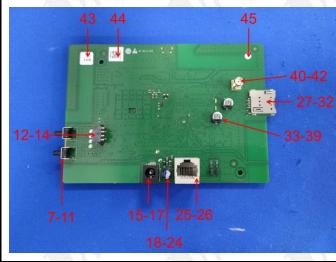
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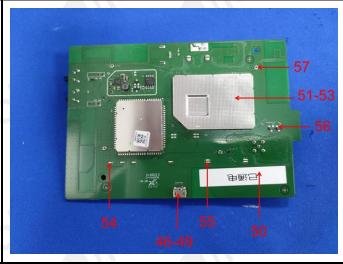


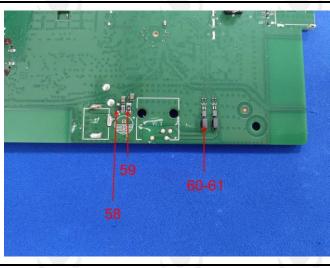
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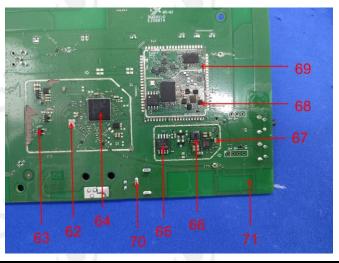










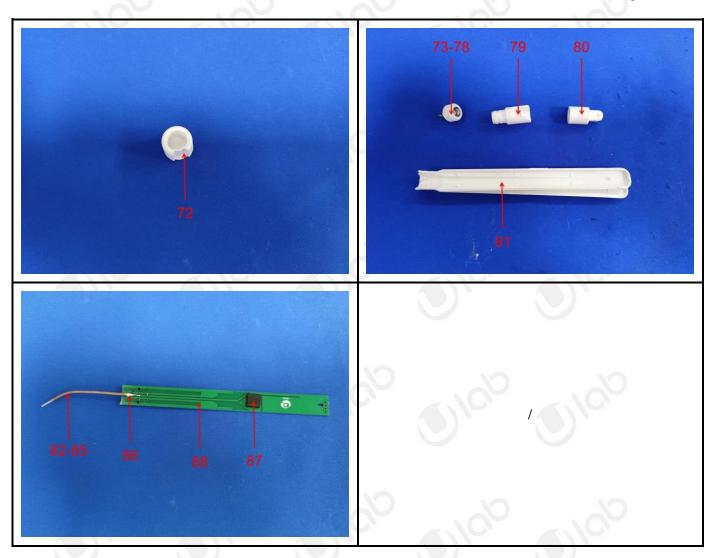


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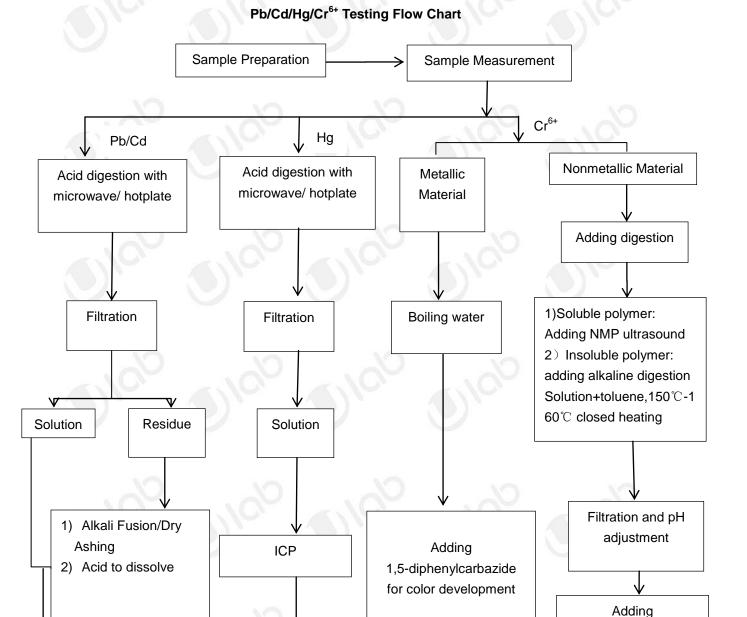


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AAS/ICP

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DATA

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Vis-vis

DATA(Negative/Po

sitive)

1,5-diphenylcarbazide for color development

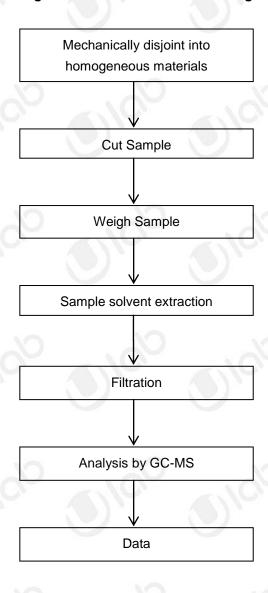
UV-Vis

DATA



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PBBs/PBDEs Testing Flow Chart or Phthalates Testing Flow Chart



*** End of Report ***



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