

Applicant: Daqin New Energy Tech(Taizhou)Co.,Ltd

Applicant address: 199 Keji Road, Sanshui Street, Jiangyan District, Taizhou City, Jiangsu Province,  
PEOPLE'S REPUBLIC OF CHINA

The following samples were submitted and identified on behalf of the clients as

Sample Name: Lithium battery system  
Model: Tower Pro Series (HV9640,TP7,TP11,TP15,TP19,TP23)  
CPST Internal Reference No.: C230309039  
Sample Received Date: Mar 09, 2023  
Test Period: Mar 09, 2023 to Mar 22, 2023  
Test Method: Please refer to next page(s).  
Test Result: Please refer to next page(s).

Signed on behalf of  
Eurones (Dongguan) Consumer Products Testing Service Co., Ltd



WRITTEN BY :

REVIEWED BY:

APPROVED BY:

*Fair Lu*

Lu Jian Fei, Fair  
Report writer

*Sunshine Liu*

Liu Xiao Fang, Sunshine  
Report Reviewer

*Will Pan*

Pan Jian Ding, Will  
Technical Supervisor

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



\*\*\*\*\*

### CONCLUSION :

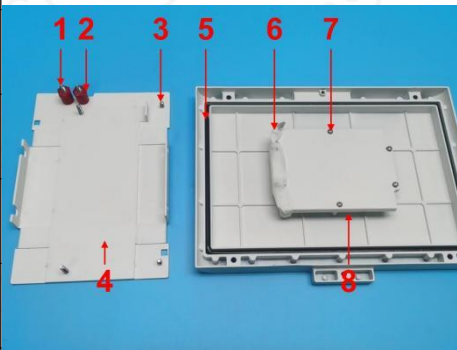
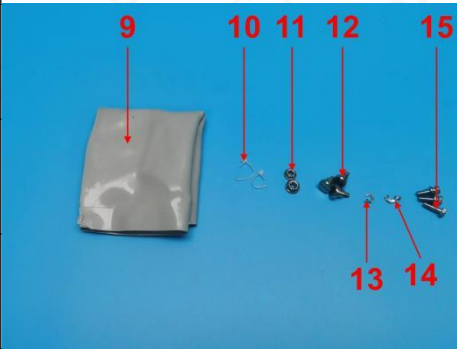
<u>TESTED SAMPLES</u>	<u>TEST ITEM</u>	<u>RESULT</u>
Lithium battery system	1.RoHS Directive 2011/65/EU Annex II amending Directive (EU)2015/863	
	— Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs Content	<b>PASS</b>
	—Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content	<b>PASS</b>

\*\*\*\*\*

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.




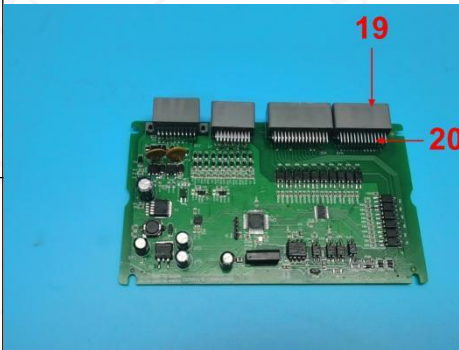

### 2. Test Item Description And Photo List

Sample No.	Description	Photograph
001	Silvery metal	
002	Red plastic	
003	Silvery metal	
004	White metal	
005	Black foam with adhesive	
006	White fabric with adhesive	
007	Silvery metal (Screw)	
008	Black soft plastic with adhesive (Cushion)	
009	Gray glue	
010	White plastic	
011	Silvery metal	
012	Silvery metal	
013	Silvery metal	
014	Silvery metal	
015	Silvery metal	

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.





Sample No.	Description	Photograph
016	Silvery metal	
017	Blue/red printed white paper with adhesive (Label)	
018	Silvery metal	
019	Gray plastic	
020	Silvery/golden metal	
021	Silvery printed black plastic	
022	Silvery printed blue plastic	
023	Silvery metal	
024	Brown body (Filling)	
025	Black plastic	
026	Silvery metal (Pin)	

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



Sample No.	Description	Photograph
027	Black body	
028	Black body	
029	Black body	
030	Black body	
031	Yellow body	
032	Black body	
033	Silvery metal (Pin)	
034	Black body	
035	Silvery metal (Pin)	
036	Black body	
037	Silvery metal (Pin)	
038	Copper metal (Coil)	
039	Black body	
040	Brown body	
041	Black body	
042	Black body	
043	Silvery metal (Pin)	
044	Black body	

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

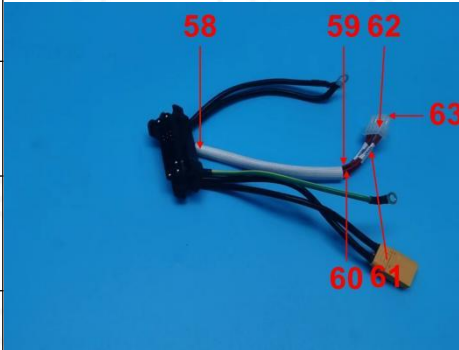
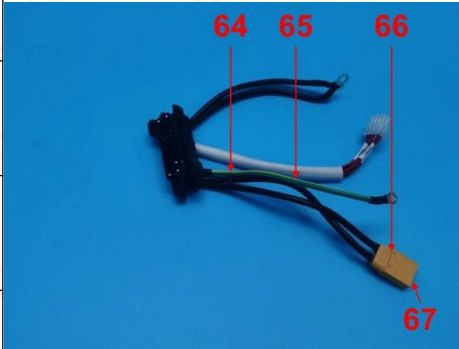


Sample No.	Description	Photograph
045	Black foam with adhesive	
046	Transparent/red body	
047	Silvery metal (Solder)	
048	Green PCB	
049	Black plastic	
050	Silvery metal (Pin)	
051	Golden metal (Pin)	
052	Copper metal (Contact plate)	
053	Copper metal (Contact plate)	
054	Black soft plastic	
055	Silvery metal (Wire)	
056	Black plastic	
057	Silvery metal	

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

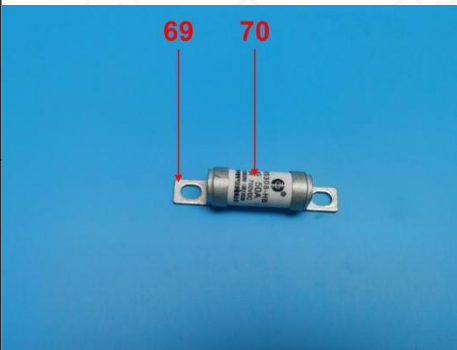
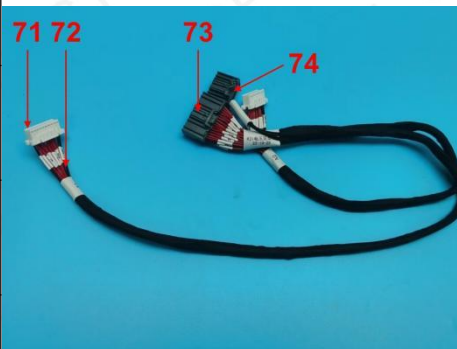
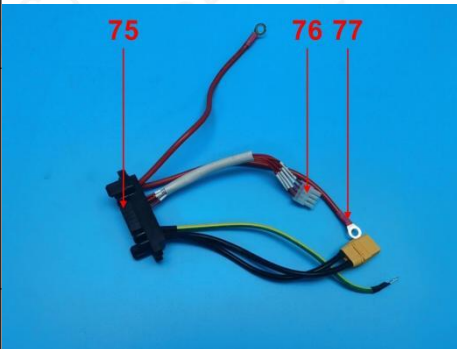




Sample No.	Description	Photograph
058	White fabric	
059	Red plastic	
060	Silvery metal (Wire)	
061	White plastic	
062	Translucent plastic	
063	Silvery metal (Pin)	
064	Yellow/green plastic	
065	Coppery metal (Wire)	
066	Yellow plastic	
067	Golden metal (Pin)	
068	White fabric with adhesive	

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



Sample No.	Description	Photograph
069	Silvery metal	
070	White body	
071	White plastic	
072	Black plastic	
073	Gray plastic	
074	Black plastic	
075	Black plastic	
076	Translucent plastic	
077	Red plastic	

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.





Sample No.	Description	Photograph
078	Black plastic	
079	Gray plastic	
080	Silvery metal	
081	Silvery metal (Foil)	
082	White plastic	
083	Blue plastic	
084	Green plastic	
085	Yellow plastic	
086	Green PCB	
087	Silvery metal	
088	Black plastic	
089	Black glue	
090	Translucent glue	
091	Beige plastic	
092	Silvery metal (Pin)	
093	Green PCB	

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



Sample No.	Description	Photograph
094	Green plastic	
095	Red plastic with adhesive	
096	Black plastic	
097	Black plastic	
098	Black plastic	
099	Silvery metal	

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



400 111 6218

Eurones (Dongguan) Consumer Products Testing Service Co., Ltd. Tel: (86-769) 38937858 Fax: (86-769) 38937859 Http:// www.cpslab.com

Room 1092, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

Postcode: 523945

E-mail: service@cpslab.com

### 3. Test Results

#### 3.1 Screening test for the specified hazardous substances of RoHS for the selected materials of the submitted sample:

- Heavy Metal (Cadmium, Chromium, Mercury, Lead) Content Test
- Bromine Content Test

According to IEC 62321-3-1:2013, and Quantification analyzed with Energy Dispersive X-ray Fluorescence Spectrometers.

Sample No.	Total Cadmium	Total Lead	Total Mercury	Total Chromium	Total Bromine
Sample 001	BL	BL	BL	BL	N.A.
Sample 002	BL	BL	BL	BL	BL
Sample 003	BL	BL	BL	BL	N.A.
Sample 004	BL	BL	BL	BL	N.A.
Sample 005	BL	BL	BL	BL	BL
Sample 006	BL	BL	BL	BL	BL
Sample 007	BL	BL	BL	Inconclusive^	N.A.
Sample 008	BL	BL	BL	BL	BL
Sample 009	BL	BL	BL	BL	BL
Sample 010	BL	BL	BL	BL	BL
Sample 011	BL	BL	BL	Inconclusive^	N.A.
Sample 012	BL	BL	BL	BL	N.A.
Sample 013	BL	BL	BL	BL	N.A.
Sample 014	BL	BL	BL	BL	N.A.
Sample 015	BL	BL	BL	BL	N.A.
Sample 016	BL	BL	BL	BL	N.A.
Sample 017	BL	BL	BL	BL	BL
Sample 018	BL	BL	BL	BL	N.A.
Sample 019	BL	BL	BL	BL	BL
Sample 020	BL	BL	BL	BL	N.A.
Sample 021	BL	BL	BL	BL	BL
Sample 022	BL	BL	BL	BL	BL
Sample 023	BL	BL	BL	BL	N.A.
Sample 024	BL	BL	BL	BL	BL
Sample 025	BL	BL	BL	BL	BL
Sample 026	BL	BL	BL	BL	N.A.

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.





Sample No.	Total Cadmium	Total Lead	Total Mercury	Total Chromium	Total Bromine
Sample 027	BL	BL	BL	BL	Inconclusive^
Sample 028	BL	BL	BL	BL	BL
Sample 029	BL	BL	BL	BL	BL
Sample 030	BL	BL	BL	BL	Inconclusive^
Sample 031	BL	BL	BL	BL	BL
Sample 032	BL	BL	BL	BL	BL
Sample 033	BL	BL	BL	BL	N.A.
Sample 034	BL	BL	BL	BL	Inconclusive^
Sample 035	BL	BL	BL	Inconclusive^	N.A.
Sample 036	BL	BL	BL	BL	Inconclusive^
Sample 037	BL	BL	BL	BL	N.A.
Sample 038	BL	BL	BL	BL	N.A.
Sample 039	BL	BL	BL	BL	BL
Sample 040	BL	BL	BL	BL	BL
Sample 041	BL	BL	BL	BL	BL
Sample 042	BL	BL	BL	BL	Inconclusive^
Sample 043	BL	BL	BL	BL	N.A.
Sample 044	BL	BL	BL	Inconclusive^	BL
Sample 045	BL	BL	BL	BL	BL
Sample 046	BL	OL^	BL	BL	BL
Sample 047	BL	OL^	BL	BL	N.A.
Sample 048	BL	BL	BL	BL	Inconclusive^
Sample 049	BL	BL	BL	BL	Inconclusive^
Sample 050	BL	BL	BL	BL	N.A.
Sample 051	BL	BL	BL	BL	N.A.
Sample 052	BL	BL	BL	BL	N.A.
Sample 053	BL	BL	BL	BL	N.A.
Sample 054	BL	BL	BL	BL	BL
Sample 055	BL	BL	BL	BL	N.A.
Sample 056	BL	BL	BL	BL	BL
Sample 057	BL	BL	BL	BL	N.A.
Sample 058	BL	BL	BL	BL	BL
Sample 059	BL	BL	BL	BL	BL
Sample 060	BL	BL	BL	BL	N.A.
Sample 061	BL	BL	BL	BL	BL

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



Sample No.	Total Cadmium	Total Lead	Total Mercury	Total Chromium	Total Bromine
Sample 062	BL	BL	BL	BL	BL
Sample 063	BL	BL	BL	BL	N.A.
Sample 064	BL	BL	BL	BL	BL
Sample 065	BL	BL	BL	BL	N.A.
Sample 066	BL	BL	BL	BL	Inconclusive <sup>^</sup>
Sample 067	BL	Inconclusive <sup>^</sup>	BL	BL	N.A.
Sample 068	BL	BL	BL	BL	BL
Sample 069	BL	BL	BL	BL	N.A.
Sample 070	BL	BL	BL	BL	BL
Sample 071	BL	BL	BL	BL	BL
Sample 072	BL	BL	BL	BL	BL
Sample 073	BL	BL	BL	BL	BL
Sample 074	BL	BL	BL	BL	BL
Sample 075	BL	BL	BL	BL	Inconclusive <sup>^</sup>
Sample 076	BL	BL	BL	BL	BL
Sample 077	BL	BL	BL	BL	BL
Sample 078	BL	BL	BL	BL	BL
Sample 079	BL	BL	BL	BL	BL
Sample 080	BL	BL	BL	BL	N.A.
Sample 081	BL	BL	BL	BL	N.A.
Sample 082	BL	BL	BL	BL	BL
Sample 083	BL	BL	BL	BL	BL
Sample 084	BL	BL	BL	BL	BL
Sample 085	BL	BL	BL	BL	BL
Sample 086	BL	BL	BL	BL	Inconclusive <sup>^</sup>
Sample 087	BL	BL	BL	BL	N.A.
Sample 088	BL	BL	BL	BL	BL
Sample 089	BL	BL	BL	BL	BL
Sample 090	BL	BL	BL	BL	BL
Sample 091	BL	BL	BL	BL	Inconclusive <sup>^</sup>
Sample 092	BL	BL	BL	BL	N.A.
Sample 093	BL	BL	BL	BL	Inconclusive <sup>^</sup>
Sample 094	BL	BL	BL	BL	BL
Sample 095	BL	BL	BL	BL	BL
Sample 096	BL	BL	BL	BL	BL

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



Sample No.	Total Cadmium	Total Lead	Total Mercury	Total Chromium	Total Bromine
Sample 097	BL	BL	BL	BL	Inconclusive^
Sample 098	BL	BL	BL	BL	BL
Sample 099	BL	BL	BL	BL	N.A.

### Note:

1. All Concentrations express in "mg/kg" (milligram per kilogram), mg/kg ~ ppm
2. "OL" denotes "over limit"
3. "BL" denotes "below limit"
4. "N.A." denotes "Not Applicable"
5. "Inconclusive" denotes result is intermediate between "OL" and "BL"
6. "^"denotes the screening result was inconclusive(X) or over limit (OL), thus further confirmation test was conducted, results are listed in 3.2 and 3.3.

XRF screening limits for different materials:

Materials	Concentration (mg/kg)				
	Cd	Cr	Pb	Hg	Br
<b>Metal</b>	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	N.A.
<b>Polymers</b>	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (300-3\sigma) < X$
<b>Composite material</b>	$BL \leq (50-3\sigma) < X < (150+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$	$BL \leq (250-3\sigma) < X$

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.





### 3.2 Test for Heavy Metals

– Lead, Cadmium, Hexavalent Chromium and Mercury Tests according to IEC 62321-4:2013+A1:2017 & IEC 62321-5:2013 & IEC 62321-7-1:2015 & IEC 62321-7-2:2017, Analysis was conducted by ICP-OES, UV-VIS.

Element	Total Cadmium [mg/kg]	Total Lead [mg/kg]	Total Mercury [mg/kg]	Hexavalent Chromium* [µg/cm <sup>2</sup> ]	Hexavalent Chromium [mg/kg]
<b>Detection Limit</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>0.10</b>	<b>5</b>
<b>Limit</b>	<b>100</b>	<b>1000</b>	<b>1000</b>	<b>-</b>	<b>1000</b>
Sample 007	/	/	/	N.D.	/
Sample 011	/	/	/	N.D.	/
Sample 035	/	/	/	N.D.	/
Sample 044	/	/	/	/	N.D.
Sample 046	/	21407Φ	/	/	/
Sample 047	/	170*	/	/	/
Sample 067	/	12299Φ	/	/	/

Note:

1. All Concentrations express in “mg/kg”(milligram per kilogram), mg/kg ~ ppm.
2. “N.D.” = “Not Detected”.
3. \* = a. When the concentration of hexavalent chromium in boiling-water-extraction solution with 1cm<sup>2</sup> sample surface area is higher than 0.13 µg/cm<sup>2</sup>, the sample is positive, that is, contains hexavalent chromium;  
b. When the concentration of hexavalent chromium in boiling-water-extraction solution with 1cm<sup>2</sup> sample surface area is N.D.(less than 0.10µg/cm<sup>2</sup>), the sample is negative, that is, no hexavalent chromium is detected;  
c. When the concentration of hexavalent chromium in boiling-water-extraction solution with 1cm<sup>2</sup> sample surface area is between 0.10µg/cm<sup>2</sup> and 0.13µg/cm<sup>2</sup>, it is not possible to directly determine whether hexavalent chromium is detected.

Surface differences of samples from different individuals may affect the determination results:

Since the storage condition and production date of the sample are not known, the test result of the sample can only represent the state of the sample containing hexavalent chromium at the time of the test.

4. Positive = result be regarded as not comply with RoHS requirement  
Negative = result be regarded as comply with RoHS requirement
5. “-” =Not regulated
6. “Φ”=Sample 046 is electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, The lead content which is exempted from the requirement of directive 2011/65/EU(RoHS)Annex III 7(c)- I  
“Φ”=The sample 067 is copper alloy. The lead content which is under 4% is exempted from the requirement of directive 2011/65/EU(RoHS)Annex III 6(c).
7. “\*”=The sample of test item was resubmitted by the customer on Mar 21, 2023.

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



### 3.3 Test for Flame retardants

– Test method: According to IEC 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS). [Reporting Limit: 5mg/kg]

Test Item		Result [mg/kg]					RoHS Requirement [mg/kg]
		Sample 027	Sample 030	Sample 034	Sample 036	Sample 042	
PBBs	Monobromobiphenyl	< 5	< 5	< 5	< 5	< 5	Sum of PBBs < 1000
	Dibromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Sum of PBBs	< 5	< 5	< 5	< 5	< 5	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	Sum of PBDEs < 1000
	Dibromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Sum of PBDEs	< 5	< 5	< 5	< 5	< 5	

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



Test Item		Result [mg/kg]					RoHS Requirement [mg/kg]
		Sample 048	Sample 049	Sample 066	Sample 075	Sample 086	
PBBs	Monobromobiphenyl	< 5	< 5	< 5	< 5	< 5	Sum of PBBs < 1000
	Dibromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	< 5	< 5	< 5	
	Sum of PBBs	< 5	< 5	< 5	< 5	< 5	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	Sum of PBDEs < 1000
	Dibromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 5	
	Sum of PBDEs	< 5	< 5	< 5	< 5	< 5	

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.





Test Item		Result [mg/kg]			RoHS Requirement [mg/kg]
		Sample 091	Sample 093	Sample 097	
PBBs	Monobromobiphenyl	< 5	< 5	< 5	Sum of PBBs < 1000
	Dibromobiphenyl	< 5	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	< 5	
	Sum of PBBs	< 5	< 5	< 5	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	< 5	Sum of PBDEs < 1000
	Dibromodiphenyl Ether	< 5	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	< 5	
	Sum of PBDEs	< 5	< 5	< 5	

### Note:

1. All Concentrations express in "mg/kg" (milligram per kilogram), mg/kg ~ ppm.
2. "<" denotes less than

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



400 111 6218

Euronos (Dongguan) Consumer Products Testing Service Co., Ltd. Tel: (86-769) 38937858 Fax: (86-769) 38937859 Http:// www.cpstlab.com

Room 1092, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

Postcode: 523945

E-mail: service@cpstlab.com

### 3.4 Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) Content—RoHS Directive 2011/65/EU Annex II amending Directive (EU)2015/863

Test method: According to IEC 62321-8:2017; Analysis was conducted by GC-MS&LC-MS.

Element	Di-(2-ethylhexyl) phthalate (DEHP) [mg/kg]	Benzylbutyl phthalate (BBP) [mg/kg]	Dibutyl phthalate (DBP) [mg/kg]	Diisobutyl phthalate(DIBP) [mg/kg]
<b>Detection Limit</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>Limit</b>	<b>1000</b>	<b>1000</b>	<b>1000</b>	<b>1000</b>
Sample 002	N.D.	N.D.	N.D.	N.D.
Sample 005	N.D.	N.D.	340	N.D.
Sample 006	N.D.	N.D.	N.D.	N.D.
Sample 008	N.D.	N.D.	N.D.	N.D.
Sample 009	N.D.	N.D.	N.D.	N.D.
Sample 010	N.D.	N.D.	N.D.	N.D.
Sample 017	N.D.	N.D.	N.D.	N.D.
Sample 019	N.D.	N.D.	N.D.	N.D.
Sample 021	N.D.	N.D.	N.D.	N.D.
Sample 022	N.D.	N.D.	N.D.	N.D.
Sample 024	N.D.	N.D.	N.D.	N.D.
Sample 025	N.D.	N.D.	N.D.	N.D.
Sample 027	N.D.	N.D.	N.D.	N.D.
Sample 028	N.D.	N.D.	N.D.	N.D.
Sample 029	N.D.	N.D.	N.D.	N.D.
Sample 030	N.D.	N.D.	N.D.	N.D.
Sample 031	N.D.	N.D.	N.D.	N.D.
Sample 032	N.D.	N.D.	N.D.	N.D.
Sample 034	N.D.	N.D.	N.D.	N.D.
Sample 036	N.D.	N.D.	N.D.	N.D.
Sample 039	N.D.	N.D.	N.D.	N.D.
Sample 040	N.D.	N.D.	N.D.	N.D.
Sample 041	N.D.	N.D.	N.D.	N.D.
Sample 042	N.D.	N.D.	N.D.	N.D.
Sample 044	N.D.	N.D.	N.D.	N.D.
Sample 045	N.D.	N.D.	N.D.	N.D.
Sample 046	N.D.	N.D.	N.D.	N.D.
Sample 048	N.D.	N.D.	N.D.	N.D.
Sample 049	N.D.	N.D.	N.D.	N.D.

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



Element	Di-(2-ethylhexyl) phthalate (DEHP) [mg/kg]	Benzylbutyl phthalate (BBP) [mg/kg]	Dibutyl phthalate (DBP) [mg/kg]	Diisobutyl phthalate(DIBP) [mg/kg]
Detection Limit	50	50	50	50
Limit	1000	1000	1000	1000
Sample 054	N.D.	N.D.	N.D.	N.D.
Sample 056	110	N.D.	N.D.	N.D.
Sample 058	N.D.	N.D.	N.D.	N.D.
Sample 059	N.D.	N.D.	N.D.	N.D.
Sample 061	N.D.	N.D.	N.D.	N.D.
Sample 062	N.D.	N.D.	N.D.	N.D.
Sample 064	N.D.	N.D.	N.D.	N.D.
Sample 066	N.D.	N.D.	N.D.	N.D.
Sample 068	N.D.	N.D.	N.D.	N.D.
Sample 070	N.D.	N.D.	N.D.	N.D.
Sample 071	N.D.	N.D.	N.D.	N.D.
Sample 072	N.D.	N.D.	N.D.	N.D.
Sample 073	N.D.	N.D.	N.D.	N.D.
Sample 074	N.D.	N.D.	N.D.	N.D.
Sample 075	N.D.	N.D.	N.D.	N.D.
Sample 076	N.D.	N.D.	N.D.	N.D.
Sample 077	250	N.D.	N.D.	N.D.
Sample 078	N.D.	N.D.	N.D.	N.D.
Sample 079	N.D.	N.D.	N.D.	N.D.
Sample 082	N.D.	N.D.	N.D.	N.D.
Sample 083	N.D.	N.D.	N.D.	N.D.
Sample 084	N.D.	N.D.	N.D.	N.D.
Sample 085	N.D.	N.D.	N.D.	N.D.
Sample 086	N.D.	N.D.	N.D.	N.D.
Sample 088	N.D.	N.D.	N.D.	N.D.
Sample 089	N.D.	N.D.	N.D.	N.D.
Sample 090	N.D.	N.D.	N.D.	N.D.
Sample 091	N.D.	N.D.	N.D.	N.D.
Sample 093	N.D.	N.D.	N.D.	N.D.
Sample 094	N.D.	N.D.	N.D.	N.D.
Sample 095	N.D.	N.D.	N.D.	N.D.
Sample 096	N.D.	N.D.	N.D.	N.D.
Sample 097	N.D.	N.D.	N.D.	N.D.

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.





Element	Di-(2-ethylhexyl) phthalate (DEHP) [mg/kg]	Benzylbutyl phthalate (BBP) [mg/kg]	Dibutyl phthalate (DBP) [mg/kg]	Diisobutyl phthalate(DIBP) [mg/kg]
Detection Limit	50	50	50	50
Limit	1000	1000	1000	1000
Sample 098	N.D.	N.D.	N.D.	N.D.

### Note:

1. All Concentrations express in "mg/kg"(milligram per kilogram), mg/kg ~ ppm.
2. "N.D." = "Not Detected".

Remark: As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.



### Photo of the Submitted Sample



\*\*\* End of Report \*\*\*

**Note:** This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days after the report's sending out, it will not be accepted after this date.

