

**Test Report** No. C230309039001-1 Date: Mar 17, 2023 Page 1 of 23

Applicant: Dagin 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

Tower series(HV9637,T7,T10,T14,T17,T21) Model:

CPST Internal Reference No.: C230309039

Mar 09, 2023 Sample Received Date:

Test Period: Mar 09, 2023 to Mar 17, 2023 Test Method: Please refer to next page(s). Test Result: Please refer to next page(s).

> Signed for and on be alf of ducts Testing Service Co., Ltd Eurones (Dongguan) Consumer Pr

WRITTEN BY:

**REVIEWED BY:** 

APPROVED BY:

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air Lu

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Report Reviewer

Pan Jian Ding, Will **Technical Supervisor** 



**Test Report** No. C230309039001-1 Date: Mar 17, 2023 Page 2 of 23 **CONCLUSION: TESTED SAMPLES TEST ITEM RESULT** 1.RoHS Directive 2011/65/EU Annex II amending Directive (EU)2015/863 Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs Lithium battery **PASS** and PBDEs Content system —Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), **PASS** Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content





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### 2. Test Item Description And Photo List

Sample No.	Description	Photograph
001	Silvery metal	51 (2) 51
002	Silvery metal	13 6 5
003	Silvery plastic with adhesive(label)	
004	Yellow plastic with adhesive(label)	2
005	Black plastic with adhesive	
006	White metal	ST CY CRST
007	Silvery metal	7 8
008	Silvery metal	
009	White metal	
010	White paper with adhesive(label)	10 11 1
011	Silvery metal	Exp)ress   SAS
012	Silvery metal	H22 H31 2T JCO





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Sample No.	Description	Photograph
013	Gray plastic	13
014	Golden metal	14
015	Black plastic	15
016	Silvery metal	118 day, wa
017	Silvery coated black plastic(jacket)	
018	Silvery coated blue plastic(jacket)	17 18 19 20 2122
019	Silvery metal	
020	Brown body(Filling)	
021	Black plastic	
022	Silvery metal(pin)	





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Sample No.	Description	Photograph
023	Silvery metal	23
024	Black plastic	
025	Coppery metal	25
026	Black body	25 0, 25
027	Black body	OX SST CRS
028	Black body	er creix
029	Silvery metal(pin)	28 20 21 20
030	Brown body	26 <sub>27</sub> 28 30 31 <sub>32</sub> 35
031	Black body	nnnnnnn cassesse
032	Silvery metal(pin)	29 33 34
033	Black plastic	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
034	Black body	or crest
035	Silvery metal(pin)	5 6 C 6 5
036	Black body	CX ~ ~ 65





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Sample No.	Description	Photograph
037	Black body	5) 40, 92, 93,
038	Silvery body	37 38 41 40 39 \39 \42
039	White body	39 42
040	Black body	
041	Black body	nonnonni Sossessa
042	Black body	
043	Silvery metal(pin)	43 44
044	Silvery metal(solder)	CO SO CRICA
045	Black foam with adhesive	45 46
046	Green PCB	
047	Silvery metal	Sof OPS at
048	Black soft plastic	47 48 51
049	Black plastic	
050	White plastic	49 50

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Golden metal



051

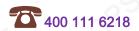


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Sample No.	Description	Photograph	
052	White plastic	52 53 54	
053	Silvery metal		
054	Silvery metal		
055	Gray plastic	251 CP5	
056	Silvery metal(pin)	CPS CPS	
057	Black coated white plastic	CR CR SK	
058	Black coated white plastic	60	
059	Black plastic with adhesive	61 64	
060	Red plastic	57 59 59	
061	Black plastic	58	
062	Silvery metal(wire)	ex cx crest	
063	White plastic	2851 CPS S	
064	Silvery metal(pin)	(25)	





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Sample No.	Description	Photograph
065	Black plastic	x 0 05 0
066	Silvery metal(pin)	9, C, C,
067	Golden metal(pin)	65 71 69 70 66 72 8
068	Coppery metal	
069	White plastic	68
070	Red plastic	67
071	Yellow/green plastic	0, 22, 35,
072	Black plastic	CY SY CY
073	Coppery metal(wire)	ST CY CRET
074	Silvery metal	1 CR51 CR51
075	Black plastic	7374 79
076	Silvery metal(wire)	
077	Yellow plastic	76 77 75
078	Golden metal	51 085
079	Translucent plastic	3 10 05





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Sample No.	Description	Photograph
080	Black plastic	PST CRST CR
081	Blue plastic	80 81 82
082	White plastic	
083	Green plastic	5 2 5
084	Yellow plastic	CRS1 CX CRS1
085	White fabric	
086	Black plastic	85 87 89   86   88
087	Beige plastic	
088	Silvery metal(pin)	00000
089	Green PCB	(195) X CY 251

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Sample No.	Description	Photograph
090	Red plastic	ST CREST CR
091	Silvery metal	
092	Yellow plastic	91 93 94 95 96 97   92  / /
093	Silvery metal	90
094	Silvery metal	
095	Black plastic	0 6
096	Black plastic	
097	Black plastic	
098	Silvery metal	99 100 101
099	Yellow plastic with adhesive	98-
100	White glue	
101	Transparent plastic with adhesive	





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1	A 1. /		11.	

Sample No.	Description	Photograph
R51 C8	S) CP SS	102
102	Green plastic	
6) CP		





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#### 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	Inconclusive^	S N.A.
Sample 002	BL	BL	BL	BL	N.A.
Sample 003	BL	BL	G BL	BL	BL
Sample 004	BL	BL	BL	BL	BL
Sample 005	BL	BL	BL	BL	BL
Sample 006	BL	BL	BL	BL	N.A.
Sample 007	BL	BL	BL	Inconclusive^	N.A.
Sample 008	BL	BL	BL	BL	N.A.
Sample 009	BL	BL	BL	BL	N.A.
Sample 010	BL	BL	BL	BL	BL
Sample 011	BL	BL	BL	BL	N.A.
Sample 012	BL C	BL	BL	BL	N.A.
Sample 013	BL	BL	BL	BL	BL
Sample 014	BL	BL	BL	BL	N.A.
Sample 015	BL	BL	BL	BL	Inconclusive^
Sample 016	BL	BL	G BL	BL	N.A.
Sample 017	BL	BL	BL	BL	BL
Sample 018	BL	BL	BL	BL	BL
Sample 019	BL	BL	BL	BL	N.A.
Sample 020	BL	BL	BL	BL	BL
Sample 021	BL	BL	BL	BL	BL
Sample 022	BL	BL	BL	BL	N.A.
Sample 023	BL	BL	BL O	BL	N.A.
Sample 024	BL	BL O	BL	Inconclusive^	BL
Sample 025	BL O	BL	BL	BL	N.A.
Sample 026	BL	BL	BL	BL	BL





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





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Sample	No.	Total Cadmium	Total Lead	Total Mercury	Total Chromium	Total Bromine
Sample	062	BL	BL	BL	BL	N.A.
Sample	063	BL	BL	BL	BL	BL O
Sample	064	BL	BL	BL	BL O	N.A.
Sample	065	BL	BL	BL O	BL	Inconclusive^
Sample	066	BL	BL	BL	BL	N.A.
Sample	067	BL BL	BL	BL	BL	N.A.
Sample	068	BL	BL	BL	BL	N.A.
Sample	069	BL	BL	BL	BL	BL
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	N.A.
Sample	074	BL	BL	BL	BL	N.A.
Sample	075	BL	BL	BL	BL	BL
Sample	076	BL	BL	BL	BL S	N.A.
Sample	077	BL	BL	BL	BL	Inconclusive^
Sample	078	BL	OL^	BL	BL	N.A.
Sample	079	BL	BL	BL	BL C	BL
Sample	080	BL	BL	BL C	BL	BL
Sample	081	BL	BL C	BL	BL	BL
Sample	082	o <sup>9</sup> 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	BL
Sample	087	BL	BL	BL	BL	Inconclusive^
Sample	088	BL	BL	BL	BL	N.A.
Sample	089	BL	BL	BL	BL	Inconclusive^
Sample	090	BL	BL	BL	BL	BL
Sample	091	BL	BL	BL	BL	N.A.
Sample	092	BL	BL	BL	BL	BL
Sample	093	BL	SL O	BL O	BL	N.A.
Sample	094	BL	BL O	BL	BL	N.A.
Sample	095	9 BL	BL	BL	BL	BL
Sample	096	BL	BL	BL	BL	Inconclusive^





Total Total **Total Total Total** Sample No. Chromium Cadmium **Bromine** Mercury Lead Sample 097 BL BL BL BL BL Sample 098 BL BLBL BL N.A. BL Sample 099 BL BL BL BL Sample 100 BL BL BL BL BL BL Sample 101 BL BL BL BL Sample 102 BL BL BL BL

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#### 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. "A"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		
Metal	BL≤(70-3σ) <x<< td=""><td>DI <!--700 2~\<</td--><td>BL≤(700-3σ)<x<< td=""><td>BL≤(700-3σ)<x<< td=""><td>N.A.</td></x<<></td></x<<></td></td></x<<>	DI 700 2~\<</td <td>BL≤(700-3σ)<x<< td=""><td>BL≤(700-3σ)<x<< td=""><td>N.A.</td></x<<></td></x<<></td>	BL≤(700-3σ) <x<< td=""><td>BL≤(700-3σ)<x<< td=""><td>N.A.</td></x<<></td></x<<>	BL≤(700-3σ) <x<< td=""><td>N.A.</td></x<<>	N.A.		
	(130+3σ )≤OL	BL≤(700-3σ) <x< td=""><td>(1300+3σ )≤OL</td><td>(1300+3σ )≤OL</td><td colspan="2">N.A.</td></x<>	(1300+3σ )≤OL	(1300+3σ )≤OL	N.A.		
Dolumoro	BL≤(70-3σ) <x<< td=""><td>DI 4/700 0 -) 4V</td><td>BL≤(700-3σ)<x<< td=""><td>BL≤(700-3σ)<x<< td=""><td>BL≤(300-3σ)&lt;</td></x<<></td></x<<></td></x<<>	DI 4/700 0 -) 4V	BL≤(700-3σ) <x<< td=""><td>BL≤(700-3σ)<x<< td=""><td>BL≤(300-3σ)&lt;</td></x<<></td></x<<>	BL≤(700-3σ) <x<< td=""><td>BL≤(300-3σ)&lt;</td></x<<>	BL≤(300-3σ)<		
Polymers	(130+3σ )≤OL	BL≤(700-3σ) <x< td=""><td>(1300+3σ )≤OL</td><td>(1300+3σ )≤OL</td><td>X</td></x<>	(1300+3σ )≤OL	(1300+3σ )≤OL	X		
Composite	BL≤(50-3σ) <x<< td=""><td>DI <!--500 25\<</td--><td>BL≤(500-3σ)<x<< td=""><td>BL≤(500-3σ)<x<< td=""><td>BL≤(250-3σ)&lt;</td></x<<></td></x<<></td></td></x<<>	DI 500 25\<</td <td>BL≤(500-3σ)<x<< td=""><td>BL≤(500-3σ)<x<< td=""><td>BL≤(250-3σ)&lt;</td></x<<></td></x<<></td>	BL≤(500-3σ) <x<< td=""><td>BL≤(500-3σ)<x<< td=""><td>BL≤(250-3σ)&lt;</td></x<<></td></x<<>	BL≤(500-3σ) <x<< td=""><td>BL≤(250-3σ)&lt;</td></x<<>	BL≤(250-3σ)<		
material	(150+3σ )≤OL	BL≤(500-3σ) <x< td=""><td>(1500+3σ )≤OL</td><td>(1500+3σ )≤OL</td><td>X</td></x<>	(1500+3σ )≤OL	(1500+3σ )≤OL	X		





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#### 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/cm²]	Hexavalent Chromium [mg/kg]
Detection Limit	5	5	5	0.10	5
Limit	100	1000	1000	CX - X	1000
Sample 001	9	c 1	7 / /	N.D.	
Sample 007	1 - 8	1	19	N.D.	/ /
Sample 024			1	< 1 0	N.D.
Sample 051	51	38667Ф	1	2 / G	1
Sample 054	1 /	100	10	N.D.	09
Sample 078	19	19716Ф	/	001	0 10

#### 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 1cm² sample surface area is higher than 0.13 µg/cm², the sample is positive, that is, contains hexavalent chromium;
  - b. When the concentration of hexavalent chromium in boiling-water-extraction solution with 1cm² sample surface area is N.D.(less than 0.10μg/cm²), the sample is negative, that is, no hexavalent chromium is detected:
  - c. When the concentration of hexavalent chromium in boiling-water-extraction solution with 1cm² sample surface area is between 0.10µg/cm² and 0.13µg/cm², 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"=The sample 051, sample 078 are copper alloy. The lead content which is under 4% is exempted from the requirement of directive 2011/65/EU(RoHS)Annex III 6(c).

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#### 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]

	Tast Have	683	Result [mg/kg]				
	Test Item	Sample 015	Sample 028	Sample 031	Sample 033	Requirement [mg/kg]	
	Monobromobiphenyl	< 5	< 5	< 5	< 5		
	Dibromobiphenyl	< 5	< 5	< 5	< 5		
	Tribromobiphenyl	< 5	< 5	< 5	< 5		
	Tetrabromobiphenyl	< 5	< 5	< 5	< 5		
	Pentabromobiphenyl	< 5	< 5	< 5	< 5	- C	
PBBs	Hexabromobiphenyl	< 5	< 5	< 5	< 5	Sum of PBBs < 1000	
	Heptabromobiphenyl	< 5	< 5	< 5	< 5	< 1000	
	Octabromobiphenyl	< 5	< 5	< 5	< 5		
	Nonabromobiphenyl	< 5	< 5	< 5	< 5		
	Decabromobiphenyl	< 5	< 5	< 5	< 5		
	Sum of PBBs	< 5	< 5	< 5	< 5		
0.	Monobromodiphenyl Ether	< 5	< 5	< 5	< 5	9 . 0	
	Dibromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Tribromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Tetrabromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Pentabromodiphenyl Ether	< 5	< 5	< 5	< 5	. Q	
PBDEs	Hexabromodiphenyl Ether	< 5	< 5	< 5	< 5	Sum of PBDEs < 1000	
	Heptabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 1000	
	Octabromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Nonabromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Decabromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Sum of PBDEs	< 5	< 5	< 5	< 5		





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)	O'		Result [mg/kg]			RoHS	
Test Item		Sample 040	Sample 045	Sample 046	Sample 065	Requirement [mg/kg]	
00	Monobromobiphenyl	< 5	< 5	< 5	< 5	( )	
	Dibromobiphenyl	< 5	< 5	< 5	< 5		
	Tribromobiphenyl	< 5	< 5	< 5	< 5		
	Tetrabromobiphenyl	< 5	< 5	< 5	< 5		
	Pentabromobiphenyl	< 5	< 5	< 5	< 5	2	
PBBs	Hexabromobiphenyl	< 5	< 5	< 5	< 5	Sum of PBBs < 1000	
	Heptabromobiphenyl	< 5	< 5	< 5	< 5	< 1000	
	Octabromobiphenyl	< 5	< 5	< 5	< 5		
	Nonabromobiphenyl	< 5	< 5	< 5	< 5		
	Decabromobiphenyl	< 5	< 5	< 5	< 5		
	Sum of PBBs	< 5	< 5	< 5	< 5		
	Monobromodiphenyl Ether	< 5	< 5	< 5	< 5	CX ~	
	Dibromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Tribromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Tetrabromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Pentabromodiphenyl Ether	< 5	< 5	< 5	< 5		
PBDEs	Hexabromodiphenyl Ether	< 5	< 5	< 5	< 5	Sum of PBDEs < 1000	
	Heptabromodiphenyl Ether	< 5	< 5	< 5	< 5	< 1000	
	Octabromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Nonabromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Decabromodiphenyl Ether	< 5	< 5	< 5	< 5		
	Sum of PBDEs	< 5	< 5	< 5	< 5		





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	Test Item		Result [mg/kg]			
	restitem		Sample 087	Sample 089	Sample 096	Requirement [mg/kg]
00	Monobromobiphenyl	< 5	< 5	< 5	< 5	( 0
	Dibromobiphenyl	< 5	< 5	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	< 5	< 5	0 (1000
PBBs	Hexabromobiphenyl	< 5	< 5	< 5	< 5	Sum of PBBs < 1000
	Heptabromobiphenyl	< 5	< 5	< 5	< 5	< 1000
	Octabromobiphenyl	< 5	< 5	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	< 5	< 5	
	Sum of PBBs	< 5	< 5	< 5	< 5	20,
6	Monobromodiphenyl Ether	< 5	< 5	< 5	< 5	CX 2
	Dibromodiphenyl Ether	< 5	< 5	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	< 5	< 5	0
PBDEs	Hexabromodiphenyl Ether	< 5	< 5	< 5	< 5	Sum of PBDEs
	Heptabromodiphenyl Ether	< 5	< 5	< 5	< 5	1000
	Octabromodiphenyl Ether	< 5	< 5	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	< 5	< 5	
	Sum of PBDEs	< 5	< 5	< 5	< 5	

#### Note:

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





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# 3.4 <u>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</u>

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]	
Detection Limit	50	50	50	50	
Limit	1000	1000	1000	1000	
Sample 003	N.D.	N.D.	N.D.	N.D.	
Sample 004	N.D.	N.D.	N.D.	N.D.	
Sample 005	N.D.	N.D.	N.D.	N.D.	
Sample 010	N.D.	N.D.	N.D.	N.D.	
Sample 013	N.D.	N.D.	N.D.	N.D.	
Sample 015	N.D.	N.D.	N.D.	N.D.	
Sample 017	N.D.	N.D.	N.D.	N.D.	
Sample 018	N.D.	N.D.	N.D.	N.D.	
Sample 020	N.D.	N.D.	N.D.	N.D.	
Sample 021	N.D.	N.D.	N.D.	N.D.	
Sample 024	N.D.	N.D.	N.D.	N.D.	
Sample 026	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 030	N.D.	N.D.	N.D.	N.D.	
Sample 031	N.D.	N.D.	N.D.	N.D.	
Sample 033	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 037	N.D.	N.D.	N.D.	N.D.	
Sample 038	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 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.	





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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 050	N.D.	N.D.	N.D.	N.D.	
Sample 052	N.D.	N.D.	N.D.	N.D.	
Sample 055	N.D.	N.D.	N.D.	N.D.	
Sample 057	N.D.	N.D.	N.D.	N.D.	
Sample 058	N.D.	N.D.	N.D.	N.D.	
Sample 059	N.D.	N.D.	90	540	
Sample 060	N.D.	N.D.	N.D.	N.D.	
Sample 061	N.D.	N.D.	N.D.	N.D.	
Sample 063	N.D.	N.D.	N.D.	N.D.	
Sample 065	N.D.	N.D.	N.D.	N.D.	
Sample 069	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 075	N.D.	N.D.	N.D.	N.D.	
Sample 077	N.D.	N.D.	N.D.	N.D.	
Sample 079	N.D.	N.D.	N.D.	N.D.	
Sample 080	N.D.	N.D.	N.D.	N.D.	
Sample 081	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 087	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 092	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.	
Sample 099	N.D.	N.D.	N.D.	N.D.	
Sample 100	N.D.	N.D.	N.D.	N.D.	





Element	Di-(2-ethylhexyl) phthalate (DEHP)	Benzylbutyl phthalate (BBP)	Dibutyl phthalate (DBP)	Diisobutyl phthalate(DIBP)
Liement	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]
Detection Limit	50	50	50	50
Limit	1000	1000	1000	1000
Sample 101	N.D.	N.D.	N.D.	N.D.
Sample 102	N.D.	N.D.	N.D.	N.D.

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#### 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.



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#### **Photo of the Submitted Sample**

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

