

Applicant name:	Dongguan Buluke Technology Co.,Ltd.
Applicant address:	5F, 3 Building, Reyuan Industrial Park, Qingtang Road No.28, Youganpu, Fenggang Town, Dongguan City.

#### Sample information:

Sample Name:	Small Fan
Sample Model:	BLK301, BLK303, BLK305, BLK306, BLK307,
	BLK308, BLK309, BLK301, BLK201, BLK202
Trade mark:	N/A
Manufacturer:	Dongguan Buluke Technology Co.,Ltd.
	5F, 3 Building, Reyuan Industrial Park, Qingtang Road No.28,
	Youganpu, Fenggang Town, Dongguan City.
Sample Received Date:	Apr.18,2023
Testing Period:	Apr.18,2023~Apr.24,2023

**Test Requested** As specified by client, to determine the Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs, PBDEs, DEHP, BBP, DBP & DIBP content in the submitted sample compliance with RoHS directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102.

#### **Test Method:**

Tested Item(s)	Test Method	Measured Equipment(s)	MDL	
Lead(Pb)	IEC 62321-5:2013	ICP-OES	2mg/kg	
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	2mg/kg	
Mercury(Hg)	IEC 62321-4:2013+A1:2017	ICP-OES	2mg/kg	
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015	UV-VIS	2ma/lea	
Hexavalent Chromium(Cr(V1))	IEC 62321-7-2:2017	0 7-713	2mg/kg	
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	5mg/kg	
Polybrominated Dipheny1 Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	5mg/kg	
Di-(2-ethylhexyl) phthalate(DEHP)	IEC 62321-8:2017	GC-MS	50mg/kg	
Benzylbutyl phthalate(BBP)	IEC 62321-8:2017	GC-MS	50mg/kg	
Dibutyl phthalate (DBP)	IEC 62321-8:2017	GC-MS	50mg/kg	
Diisobutyl phthalate(DIBP)	IEC 62321-8:2017	GC-MS	50mg/kg	

Test Result(s)

Please refer to the following page(s).

Test by: Heber He

Approved by: Kevin Yang

Inspected by: Man

Technical Manager

Date:

Apr.24,2023



### **Test Result:**

No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
01		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
	USB line	PBBs	1000	N.D.
	USB line	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
0.2	D1 (: 1 11	PBBs	1000	N.D.
02	Plastic shell	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
0.2	D 11 11	PBBs	1000	N.D.
03	Rubber neck hang	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
0.4		PBBs	1000	-
04	Screw	PBDEs	1000	-
		DEHP	1000	_
		BBP	1000	_
		DBP	1000	-
		DIBP	1000	-

Report No. HTT202304336CH Hotline: 400-6655-351

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Page 2 of 9

http://www.httprc.com



N.	Dord Mono	Restricted	I ::4 (/l)	Total Describer
No.	Part Name	Substances	Limit (mg/kg)	Test Results
05		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
	Fan blade	PBBs	1000	N.D.
05	ran blade	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		$\mathrm{Cr}^{6+}$	1000	N.D.
06	Battery	PBBs	1000	N.D.
	Dattery	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
07	Motor	PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
	USB connector	Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
08		PBBs	1000	N.D.
		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

Report No. HTT202304336CH Hotline: 400-6655-351

Tel: 0755-23595200 Fax: 0755-23595201

Page 3 of 9 http://www.httprc.com



No.	Part Name	Restricted Substances	Limit (mg/kg)	Test Results
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
	Digital display	Cr <sup>6+</sup>	1000	N.D.
		PBBs	1000	N.D.
09		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
		PBBs	1000	N.D.
10	SMT switch	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
11	SMT diode	PBBs	1000	N.D.
11		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
	SMT transistor	Cd	100	N.D.
12		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
		PBBs	1000	N.D.
12		PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

Report No. HTT202304336CH Hotline: 400-6655-351

Tel: 0755-23595200

Fax: 0755-23595201

Page 4 of 9

http://www.httprc.com



No.	Part Name	Restricted	Limit (mg/kg)	Total Day 14
	Part Name	Substances	Limit (mg/kg)	<b>Test Results</b>
13		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
	SMT LED	PBBs	1000	N.D.
	SMI LED	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
1.4	Chinit.	PBBs	1000	N.D.
14	Chip capacitor	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
15	DCD.	PBBs	1000	N.D.
13	PCB	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.
		Pb	1000	N.D.
		Cd	100	N.D.
		Hg	1000	N.D.
		Cr <sup>6+</sup>	1000	N.D.
16	Pad and blook	PBBs	1000	N.D.
10	Red and black lines	PBDEs	1000	N.D.
		DEHP	1000	N.D.
		BBP	1000	N.D.
		DBP	1000	N.D.
		DIBP	1000	N.D.

Report No. HTT202304336CH Hotline: 400-6655-351

Tel: 0755-23595200

Fax: 0755-23595201

Page 5 of 9

http://www.httprc.com

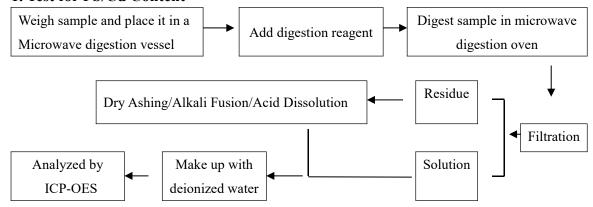


Note:

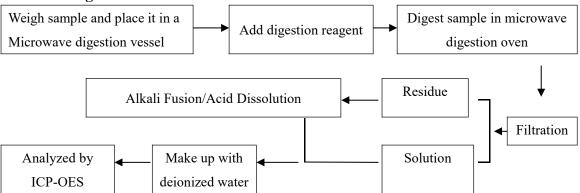
N.D. =Not Detected(<MDL) mg/kg = ppm =parts per million "- "=Not specified

#### **Test process**

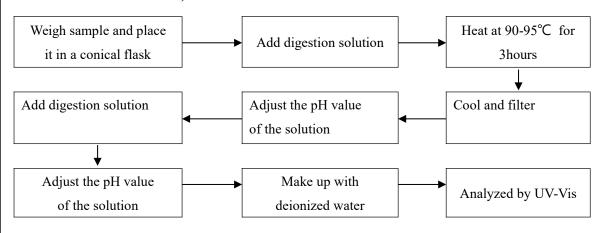
#### 1. Test for Pb/Cd Content



#### 2. Test for Hg Content



#### 3. Test for Chromium (VI) Content



Report No. HTT202304336CH

Hotline: 400-6655-351

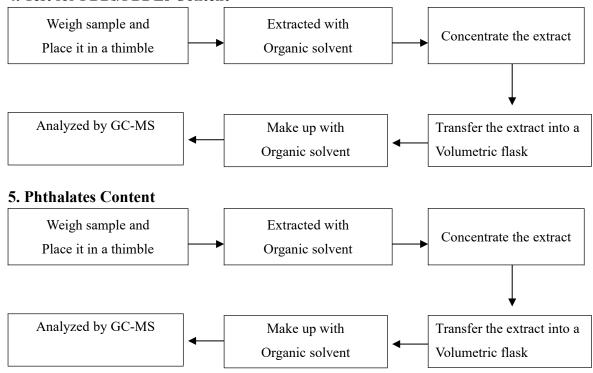
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Page 6 of 9 http://www.httprc.com



#### 4. Test for PBBs/PBDEs Content



Report No. HTT202304336CH

Page 7 of 9 Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com



Photo(s) of the sample(s)

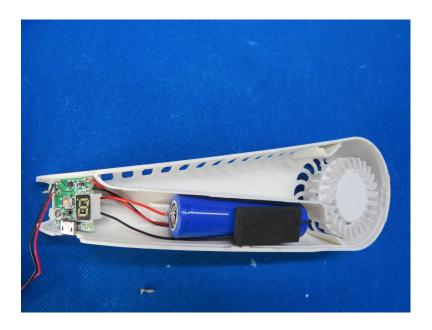




Report No. HTT202304336CH Hotline: 400-6655-351

ITT202304336CH Page 8 of 9 Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com







\*\*\* End of report \*\*\*

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Report No. HTT202304336CH

Page 9 of 9 Hotline: 400-6655-351 Tel: 0755-23595200 Fax: 0755-23595201 http://www.httprc.com