



Shenzhen Toby Technology Co., Ltd.

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CONSOLIDATED TEST REPORT

Sample information:

1. **Applicant:** SHENZHEN FANGHUA DLP TECHNOLOGY CO., LTD.
2. **Applicant Address:** A201 Tianfu'an Business Building Entrepreneurship 2 Road, Baoan District, Shenzhen, China
3. **Sample Name:** Charging cable
4. **Brand Name:** Fang Hua
5. **Type No.:** CW-01
6. **Manufacturer:** SHENZHEN FANGHUA DLP TECHNOLOGY CO., LTD.
7. **Manufacturer Address:** A201 Tianfu'an Business Building Entrepreneurship 2 Road, Baoan District, Shenzhen, China
8. **Sample received date:** Sep.19, 2017
9. **Testing period:** Sep.19-22, 2017

Testing Required:

- 1) In accordance with the RoHS Directive 2011/65/EU Annex II.
- 2) As specified by client, to determine Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs content in the selected materials (see remark) of submitted sample with reference to Directive 2011/65/EU of the European Parliament and of The Council of 8 June 2011 (ROHS, Previously 2002/95/EC).

Test Standards:

Testing Item	Pretreatment method	Measuring method	Report Limit
Lead (Pb)	IEC 62321, Ed1:2013	IEC62321 (ICP-OES)	2ppm
Cadmium (Cd)	IEC 62321, Ed1:2013	IEC62321 (ICP-OES)	2ppm
Mercury (Hg)	IEC 62321, Ed1:2013	IEC62321 (ICP-OES)	2ppm
Chromium (Cr ⁶⁺)	IEC 62321, Ed1:2008 Annex C	IEC62321 (UV-VIS)	0.02ppm* 2ppm
PBBs/ PBDEs	IEC 62321, Ed1:2015	IEC62321 (GC-MS)	5ppm

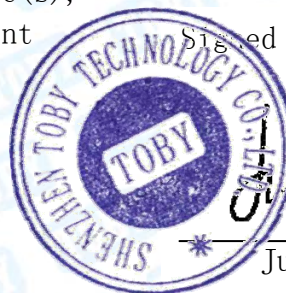
Note: * 0.02ppm refers to the MQL of sample extraction liquid.

Remarks:

1. The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the company.
2. Characterization & Condition of sample: Normal.
3. Ambient Condition During Testing: (15~22) °C, (50~68) % RH.

Conclusion:

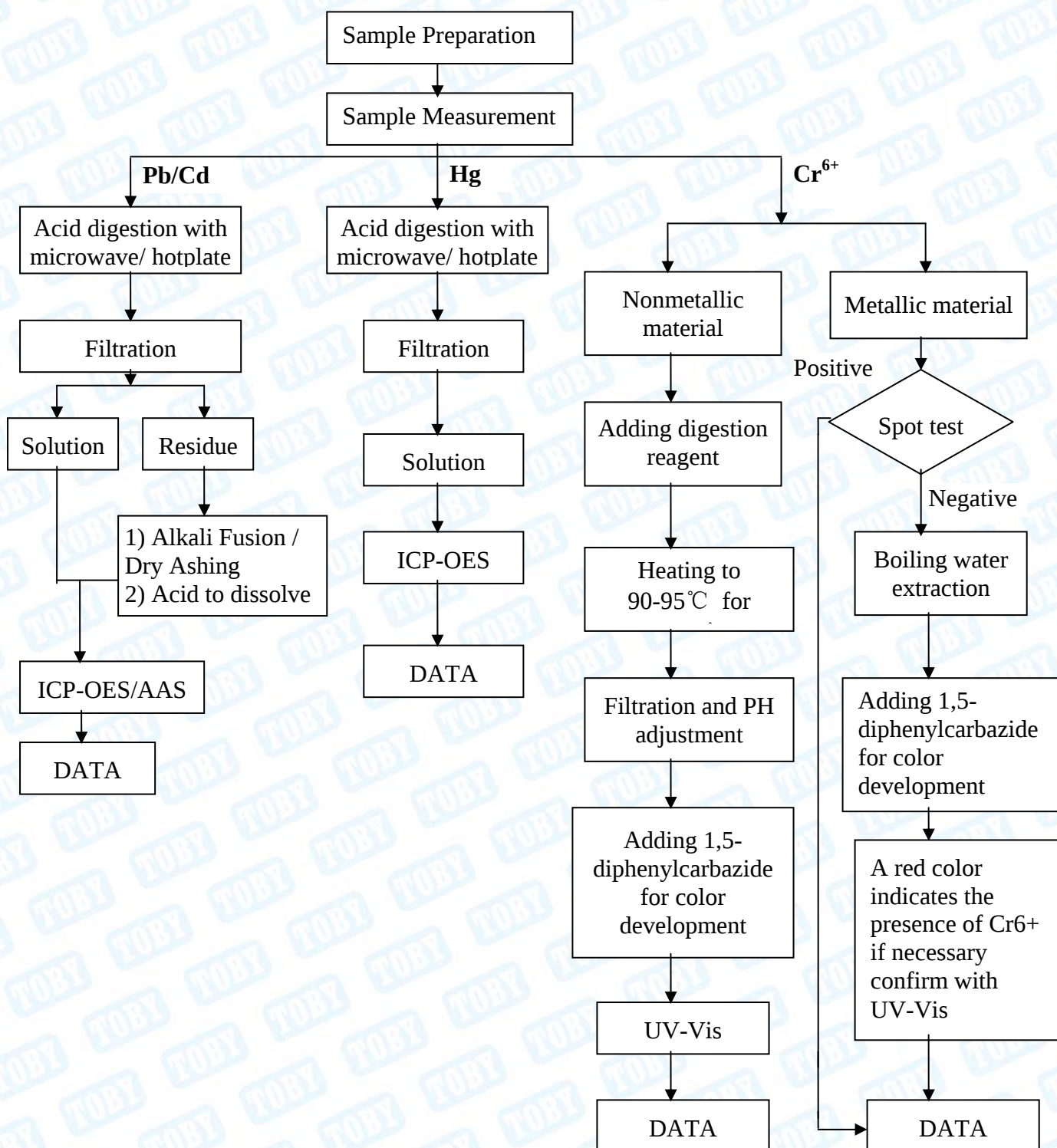
Based on the performed tests on submitted sample(s), the results of Cadmium, Lead, Mercury, Hexavalent Chromium Cr(VI), PBBs and PBDEs comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.



Signed for Shenzhen TOBY

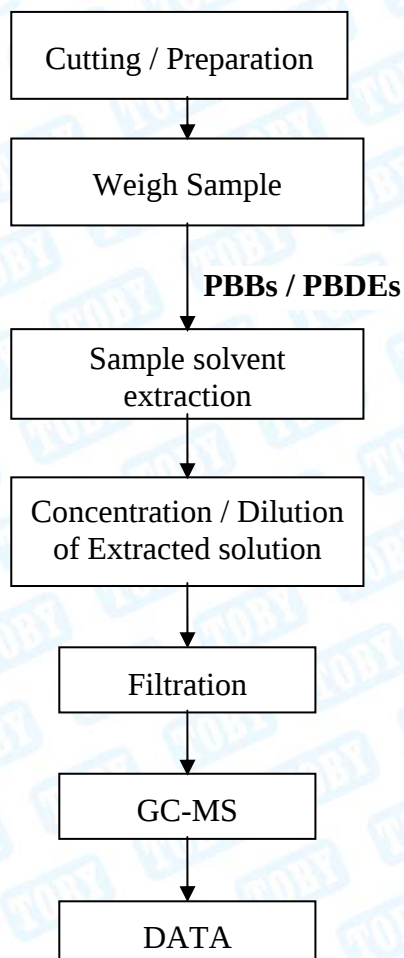
Justin Zhang
Manager

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Test flow:
1. To Determine Lead/Cadmium/Mercury/ Hexavalent Chromium Content:


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2. To Determine PBBs/PBDEs Content:





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NO.	SAMPLES NAME	SPECIFICATION	TEST REPORT NO.	DESCRIPTION
1. 1	WIRE	-----	SCL01I063242009E	RED WIRE
1. 2			SCL01I063242011E	BLACK WIRE
1. 3			ECL01I011606002	BLACK PLASTIC WIRE JACKET
1. 4			CANEC1520978103	COPPER-COLORED METAL
2. 1	MICRO USB PLUG	-----	CANEC1625330601	BLACK PLASTIC GRAINS
2. 2			CANEC1611361403	SILVER-GRAY PLATED METAL
2. 3			CANEC1701930901	SILVER-GRAY PLATED METAL
3. 1	USB PLUG	-----	CANEC1625873715	WHITE PLASTIC GRAINS
3. 2			CANEC1616093501	SILVER-GRAY/GOLDEN PLATED METAL
3. 3			CANEC1701930901	SILVER-GRAY PLATED METAL



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1) Test Result: Heavy Metals (Pb, Cd, Cr⁶⁺, Hg) Tests

Element	Pb	Cd	Cr ⁶⁺	Hg
Limit:	1000 (mg/kg)	100 (mg/kg)	1000 (mg/kg)	1000 (mg/kg)
1.1	N. D.	N. D.	N. D.	N. D.
1.2	N. D.	N. D.	N. D.	N. D.
1.3	N. D.	N. D.	N. D.	N. D.
1.4	55	N. D.	N. D.	N. D.
2.1	5	N. D.	N. D.	N. D.
2.2	33	N. D.	N. D.	N. D.
2.3	N. D.	N. D.	N. D.	N. D.
3.1	N. D.	N. D.	N. D.	N. D.
3.2	26	N. D.	N. D.	N. D.
3.3	N. D.	N. D.	N. D.	N. D.

◆ “N. D.” means “Not Detected”, method detection limit=2mg/kg.

◆ “*” means be exempted from RoHS Directive.



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2) Test Result: Brominated Flame Retardants (PBBs & PBDEs) Tests

PBBs	1. 1	1. 2	1. 3	2. 1	3. 1
MONOBROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.
DIBROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.
TRIBROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.
TETRABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.
PENTABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.
HEXABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.
HEPTABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.
OCTABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.
NONABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.
DECABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.
Sum of PBBs	N. D.	N. D.	N. D.	N. D.	N. D.
PBDEs	1. 1	1. 2	1. 3	2. 1	3. 1
MONOBROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.
DIBROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.
TRIBROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.
TETRABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.
PENTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.
HEXABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.
HEPTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.
OCTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.
NONABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.
DECABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.
Sum of PBDEs	N. D.	N. D.	N. D.	N. D.	N. D.

◆ PBBs Limit = 1000 ppm, PBDEs Limit = 1000 ppm

◆ “N. D.” means “Not Detected”, method detection limit = 5mg/kg.

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Appearance Photo of Sample



***** END OF REPORT *****