Test Report

Date: July 23, 2019 Report No.: CTT201907171677R

Applicant: ShenZhen Dibet Technology Co., Ltd
Address : first floor ,research building , Tsinghua Hi-tech park, North Technology Park, NanShan District, Shenzhen, China
Manufacturer: ShenZhen Dibet Technology Co., Ltd
Address : first floor ,research building , Tsinghua Hi-tech park, North Technology Park, NanShan District, Shenzhen, China

The following sample(s) was/were submitted and identified on behalf of the clients as:
Smart watch

Model(s) : HB8CS, HB9C, HB10C, HB11C, HB12C, HB13C, HB14C, GSB6plus, GSW5, SW15, CGTW7,CGTW7PLUS,CGTW15,CGTW16,GTW6,GTW8
Trade Mark : JCDBT
Date of issue : July 23, 2019
Testing Period : July 17, 2019 to July 23, 2019

Huacetong Testing Lab Report Approved

Test Requested : Selected test(s) as requested by client.

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

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

Conclusion : Based on the performed tests on submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Dibutyl Phthalate (DBP), Benzylbutyl Phthalate (BBP), Bis-(2-ethylhexyl) Phthalate (DEHP), Diiso butyl Phthalate (DIBP) comply with the limits as set by RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102

Tested by: Alison Liu Approved by: Tony Ri.

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A:RoHS Directive 2011/65/EU

(1)With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.

(2)With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.

(3)With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.

(4)With reference to IEC 62321:2008, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.

(5)With reference to IEC 62321:2008, determination of PBBs and PBDEs by GC-MS. .

Test Item(s)	Unit	Limited(ppm)	Result 1	MDL
Cadmium (Cd)	mg/kg	100	N.D.	2
Lead (Pb)	mg/kg	1000	N.D.	2
Mercury (Hg)	mg/kg	1000	N.D.	2
Hexavalent Chromium (CrVI) byAlkaline extraction	mg/kg	1000	N.D.	2
Sum of PBBs	mg/kg	1000	N.D.	-
Monobromobiphenyl	mg/kg	-	N.D.	5
Dibromobiphenyl	mg/kg	-	N.D.	5
Tribromobiphenyl	mg/kg	-	N.D.	5
Pentabromobiphenyl	mg/kg	-	N.D.	5
Hexabromobiphenyl	mg/kg	-	N.D.	5
Heptabromobiphenyl	mg/kg	-	N.D.	5
Octabromobiphenyl	mg/kg	-	N.D.	5
Nonabromobiphenyl	mg/kg	-	N.D.	5
Decabromobiphenyl	mg/kg	-	N.D.	5
Sum of PBDEs	mg/kg	1000	N.D.	-
Monobromobiphenyl ether	mg/kg	-	N.D.	5
Dibromobiphenyl ether	mg/kg	-	N.D.	5
Tribromobiphenyl ethe ether	mg/kg	-	N.D.	5
Pentabromobiphenyl ether	mg/kg	-	N.D.	5
Hexabromobiphenyl ether	mg/kg	-	N.D.	5
Heptabromobiphenyl ether	mg/kg	-	N.D.	5
Octabromobiphenyl ether	mg/kg	-	N.D.	5
Nonabromobiphenyl ether	mg/kg	-	N.D.	5
Decabromobiphenyl ether	mg/kg	-	N.D.	5
Pentabromobiphenyl ether	mg/kg	-	N.D.	5

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Test Item(s)	Unit	Limited(ppm)	Result 2	MDL
Cadmium (Cd)	mg/kg	100	N.D.	2
Lead (Pb)	mg/kg	1000	N.D.	2
Mercury (Hg)	mg/kg	1000	N.D.	2
Hexavalent Chromium (CrVI) byAlkaline extraction	mg/kg	1000	N.D.	2
Sum of PBBs	mg/kg	1000	N.D.	-
Monobromobiphenyl	mg/kg	-	N.D.	5
Dibromobiphenyl	mg/kg	-	N.D.	5
Tribromobiphenyl	mg/kg	-	N.D.	5
Pentabromobiphenyl	mg/kg	-	N.D.	5
Hexabromobiphenyl	mg/kg	-	N.D.	5
Heptabromobiphenyl	mg/kg	-	N.D.	5
Octabromobiphenyl	mg/kg	-	N.D.	5
Nonabromobiphenyl	mg/kg	-	N.D.	5
Decabromobiphenyl	mg/kg	-	N.D.	5
Sum of PBDEs	mg/kg	1000	N.D.	-
Monobromobiphenyl ether	mg/kg	-	N.D.	5
Dibromobiphenyl ether	mg/kg	-	N.D.	5
Tribromobiphenyl ethe ether	mg/kg	-	N.D.	5
Pentabromobiphenyl ether	mg/kg	-	N.D.	5
Hexabromobiphenyl ether	mg/kg	-	N.D.	5
Heptabromobiphenyl ether	mg/kg	-	N.D.	5
Octabromobiphenyl ether	mg/kg	-	N.D.	5
Nonabromobiphenyl ether	mg/kg	-	N.D.	5
Decabromobiphenyl ether	mg/kg	-	N.D.	5
Pentabromobiphenyl ether	mg/kg	-	N.D.	5

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Test Item(s)	Unit	Limited(ppm)	Result 3	MDL
Cadmium (Cd)	mg/kg	100	N.D.	2
Lead (Pb)	mg/kg	1000	N.D.	2
Mercury (Hg)	mg/kg	1000	N.D.	2
Hexavalent Chromium (CrVI) byAlkaline extraction	mg/kg	1000	N.D.	2
Sum of PBBs	mg/kg	1000	N.D.	-
Monobromobiphenyl	mg/kg	-	N.D.	5
Dibromobiphenyl	mg/kg	-	N.D.	5
Tribromobiphenyl	mg/kg	-	N.D.	5
Pentabromobiphenyl	mg/kg	-	N.D.	5
Hexabromobiphenyl	mg/kg	-	N.D.	5
Heptabromobiphenyl	mg/kg	-	N.D.	5
Octabromobiphenyl	mg/kg	-	N.D.	5
Nonabromobiphenyl	mg/kg	-	N.D.	5
Decabromobiphenyl	mg/kg	-	N.D.	5
Sum of PBDEs	mg/kg	1000	N.D.	-
Monobromobiphenyl ether	mg/kg	-	N.D.	5
Dibromobiphenyl ether	mg/kg	-	N.D.	5
Tribromobiphenyl ethe ether	mg/kg	-	N.D.	5
Pentabromobiphenyl ether	mg/kg	-	N.D.	5
Hexabromobiphenyl ether	mg/kg	-	N.D.	5
Heptabromobiphenyl ether	mg/kg	-	N.D.	5
Octabromobiphenyl ether	mg/kg	-	N.D.	5
Nonabromobiphenyl ether	mg/kg	-	N.D.	5
Decabromobiphenyl ether	mg/kg	-	N.D.	5
Pentabromobiphenyl ether	mg/kg	-	N.D.	5

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B:Phthalate

Test Method : Determination of phthalates by GC-MS based on EN 14372:2004.

Test Item(s).	Unit.	Limited(ppm)	Result 1
Dibutyl Phthalate (DBP)	mg/kg	1000	ND
Benzylbutyl Phthalate (BBP)	mg/kg	1000	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	1000	ND
Diiso butyl Phthalate (DIBP)	mg/kg	1000	ND

Test Item(s).	Unit.	Limited(ppm)	Result 2
Dibutyl Phthalate (DBP)	mg/kg	1000	ND
Benzylbutyl Phthalate (BBP)	mg/kg	1000	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	1000	ND
Diiso butyl Phthalate (DIBP)	mg/kg	1000	ND

Test Item(s).	Unit.	Limited(ppm)	Result 3
Dibutyl Phthalate (DBP)	mg/kg	1000	ND
Benzylbutyl Phthalate (BBP)	mg/kg	1000	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	1000	ND
Diiso butyl Phthalate (DIBP)	mg/kg	1000	ND

Description for specimen 1: Blue plastic

Description for specimen 2:Black plastic

Description for specimen 3:ABS

Notes :

(1) Reference Information: RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102

Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Diiso butyl Phthalate (DIBP) and Dibutyl phthalate (DBP) are considered as a priority for risk evaluation and substance restriction.

Remarks :

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

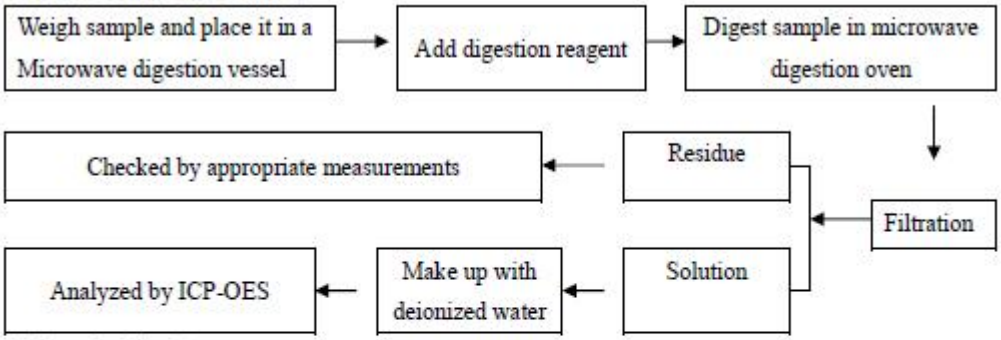
(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

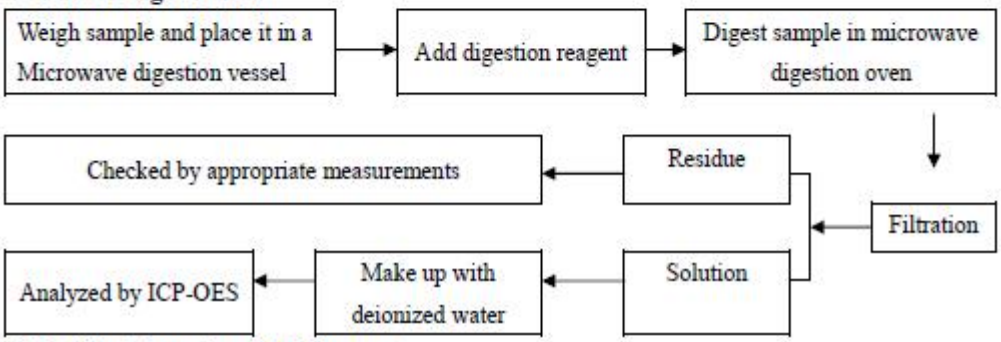
ATTACHMENTS

Test process

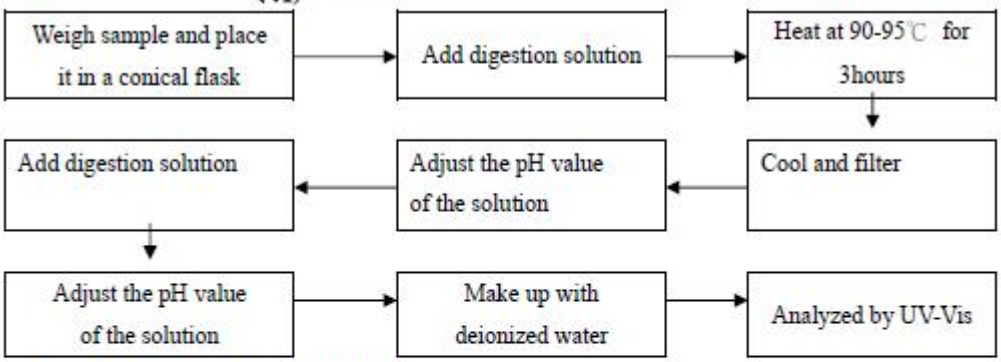
1. Test for Pb/Cd Content



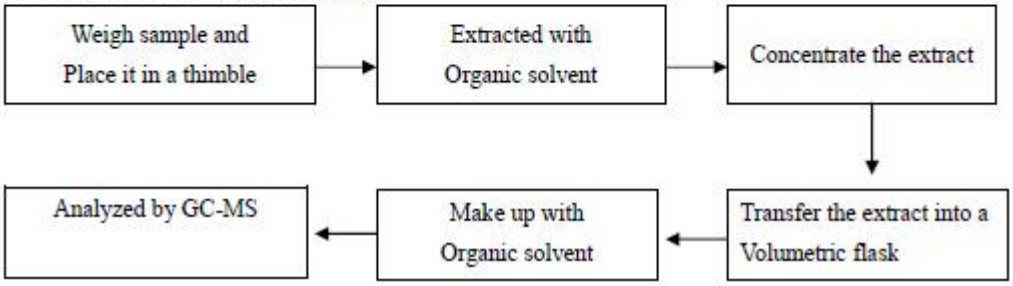
2. Test for Hg Content



3.Test for Chromium (Ⅵ)Content



4. Test for PBBs/PBDEs Content



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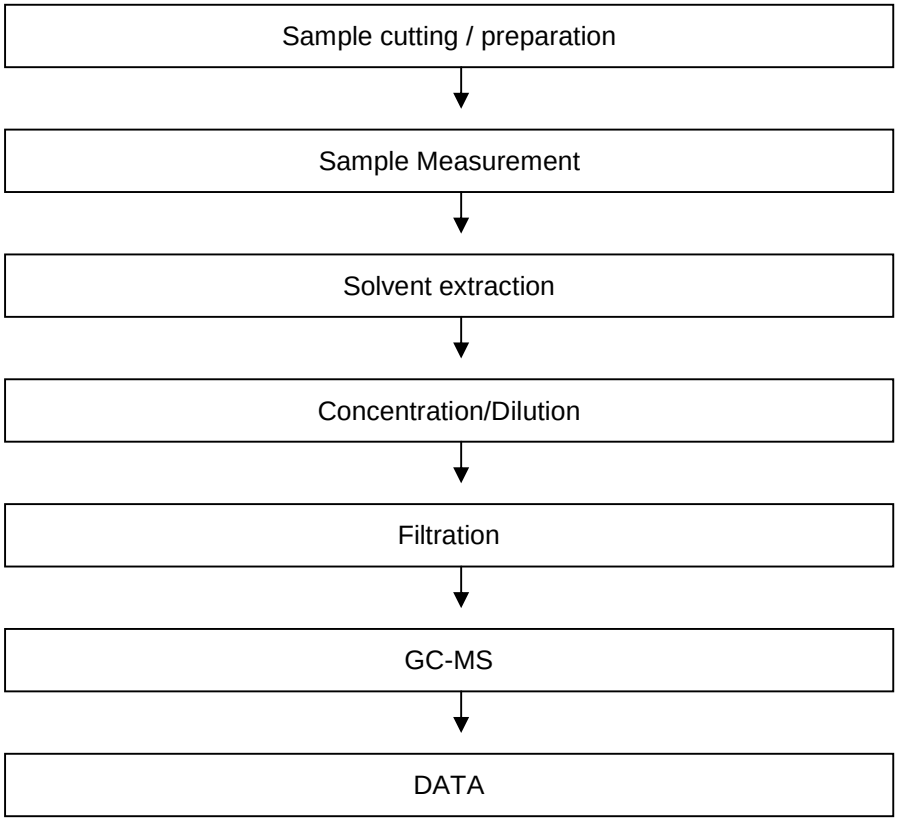
Phthalates Testing Flow Chart



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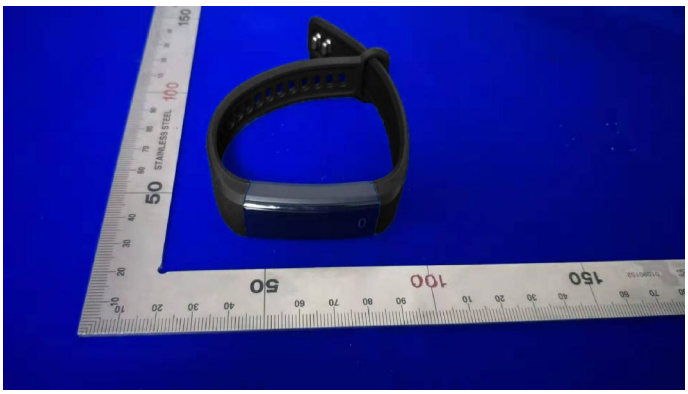
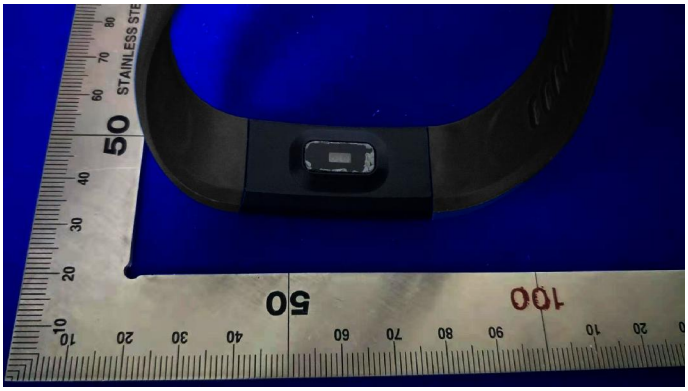
Sample photo:





End of Report