

Test Report

No. SZXEC2200914102

Date: 14 Apr 2022

Page 1 of 6

Client Name : SHENZHEN WHALEY ELECTRONIC TECHNOLOGY CO., LTD

Client Address : 701, BLDG B, JINKE INDUSTRIAL PARK WUHE ROAD 310, LONGHUA DISTRICT, SHENZHEN, GUANGDONG, CHINA POSTCODE 518110

Sample Name : SPO2 SENSOR AND LED
 Model No. : HL5060-2PxxW
 Client Ref. Info. : HL5060-2PxxxC, HL5060-3PxxW, HL4860-3PxxxC,
 HL1209-4PxxW, HL3528 Chip LED, 1616-4PxxW,
 HL5050-6PxxW, HL-0603 Chip LED, HL-0805
 Chip LED, HL-1206 Chip SMD

The above sample(s) and information were provided by the client.

SGS Job No. : RP22-006916 - SZ
 Date of Sample Received : 07 Apr 2022
 Testing Period : 07 Apr 2022 - 12 Apr 2022
 Test Requested : Selected test(s) as requested by the client.
 Test Method(s) : Please refer to next page(s).
 Test Result(s) : Please refer to next page(s).

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Andy

Andy Ni
 Approved Signatory

scan to see the report



DC509012



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Test Report

No. SZXEC2200914102

Date: 14 Apr 2022

Page 2 of 6

Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SZX22-009141.002	"SPO2 SENSOR AND LED" (mixed)

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Elemental analysis, Hexavalent Chromium(Cr(VI)), Flame Retardants, Phthalates

Test Method : With reference to IEC 62321-4:2013+AMD1:2017, IEC62321-5:2013, IEC62321-7-2:2017, IEC 62321-6:2015 and IEC62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	Unit	MDL	002
Cadmium (Cd)	mg/kg	2	ND
Lead (Pb)	mg/kg	2	ND
Mercury (Hg)	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	mg/kg	8	ND
Sum of PBBs	mg/kg	-	ND
Monobromobiphenyl	mg/kg	5	ND
Dibromobiphenyl	mg/kg	5	ND
Tribromobiphenyl	mg/kg	5	ND
Tetrabromobiphenyl	mg/kg	5	ND
Pentabromobiphenyl	mg/kg	5	ND
Hexabromobiphenyl	mg/kg	5	ND
Heptabromobiphenyl	mg/kg	5	ND
Octabromobiphenyl	mg/kg	5	ND
Nonabromobiphenyl	mg/kg	5	ND
Decabromobiphenyl	mg/kg	5	ND
Sum of PBDEs	mg/kg	-	ND
Monobromodiphenyl ether	mg/kg	5	ND
Dibromodiphenyl ether	mg/kg	5	ND
Tribromodiphenyl ether	mg/kg	5	ND
Tetrabromodiphenyl ether	mg/kg	5	ND
Pentabromodiphenyl ether	mg/kg	5	ND



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Test Report

No. SZXEC2200914102

Date: 14 Apr 2022

Page 3 of 6

Test Item(s)	Unit	MDL	002
Hexabromodiphenyl ether	mg/kg	5	ND
Heptabromodiphenyl ether	mg/kg	5	ND
Octabromodiphenyl ether	mg/kg	5	ND
Nonabromodiphenyl ether	mg/kg	5	ND
Decabromodiphenyl ether	mg/kg	5	ND
Dibutyl Phthalate (DBP)	mg/kg	50	ND
Butyl benzyl Phthalate (BBP)	mg/kg	50	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	mg/kg	50	ND

Remark: The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



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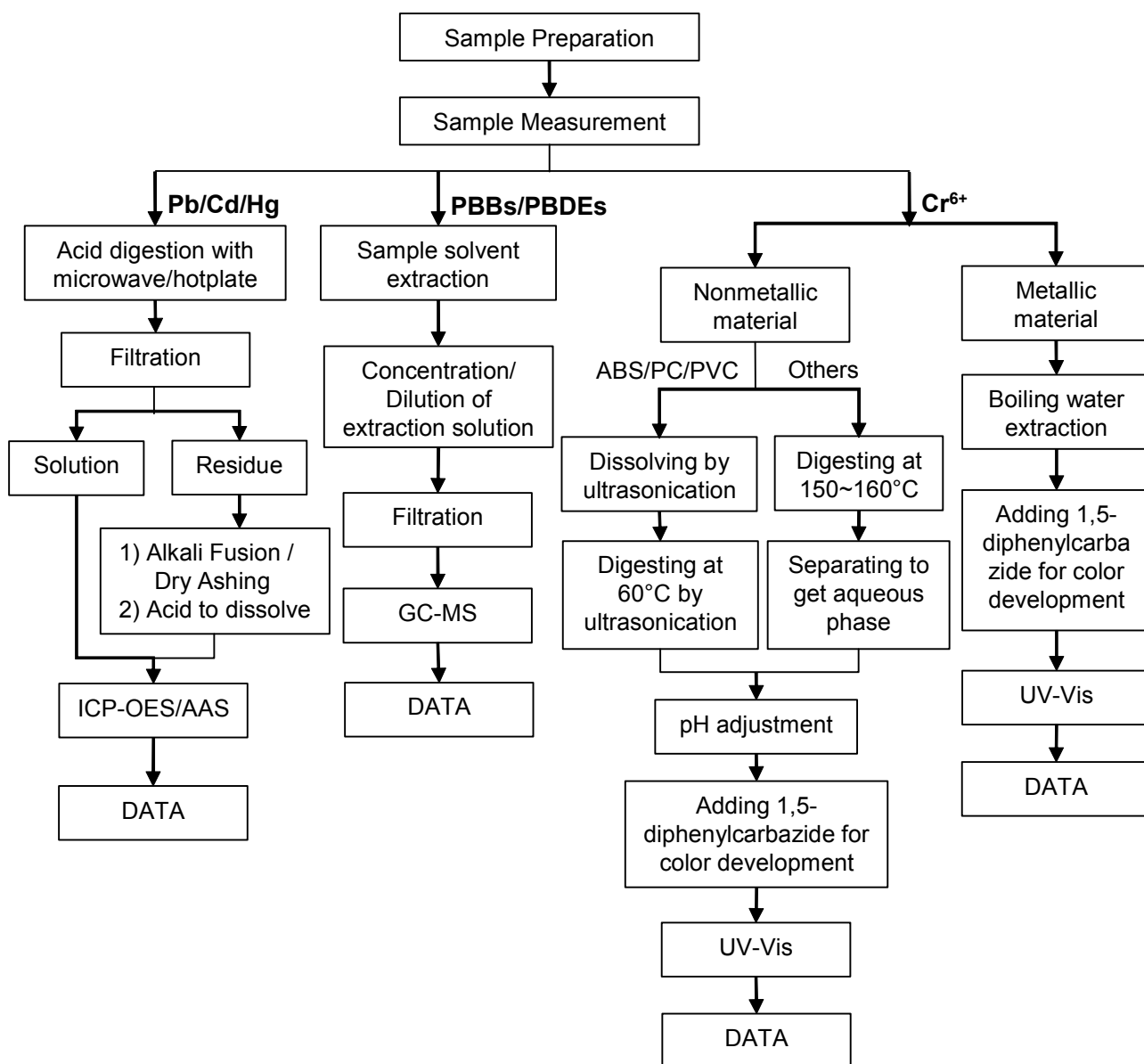
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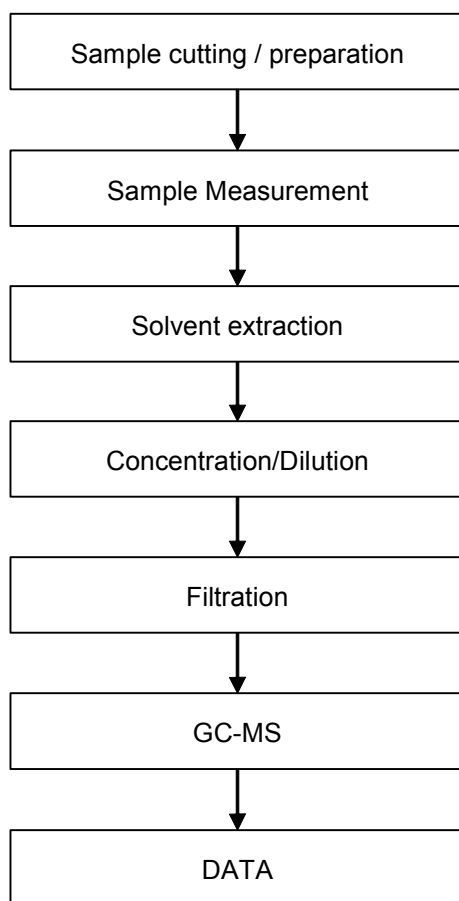
Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs Testing Flow Chart

1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
(Cr⁶⁺ and PBBs/PBDEs test method excluded).



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Phthalates Testing Flow Chart



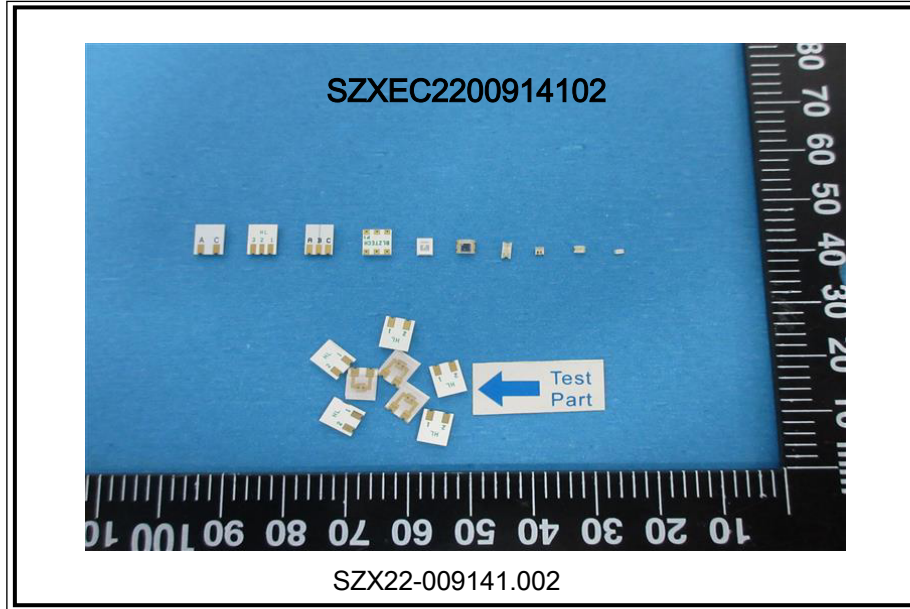
Test Report

No. SZXEC2200914102

Date: 14 Apr 2022

Page 6 of 6

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***