

Test Report

No. SZXEC2100641506

Date: 22 Mar 2021

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CALTRON DEVICES LTD.

16C, BLOCK1, GOLDEN DRAGON IND. CENTRE, 152-160 TAI LIN PAI ROAD, N.T. HONG KONG

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

SGS Job No. : RP21-004791 - SZ
 Model No. : 3*8
 Client Ref. Info. : 2*6,3*8,3*9,3*10,49SS,49S,49U,49T,50U,50T,UM-1 , UM-4, UM-5,
 M49S-SMD,49SMD,SMD3068,1016,1612,2016,2520,3225,5032,
 6035,7050,MC-146,FC-135,455E,Ceramic crystal oscillator, filter,
 oscillator
 Date of Sample Received : 15 Mar 2021
 Testing Period : 15 Mar 2021 - 22 Mar 2021
 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).

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

Ford

Ford Shi
 Approved Signatory

scan to see the report



SZXEC2100641506



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SZX21-006415.002	"Crystal"(mixed)

Remarks :

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

Elementary 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	6
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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<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
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

Remark1: 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.

Remark2: Results & photo(s) of this report refer to test report SZXEC2100641503.



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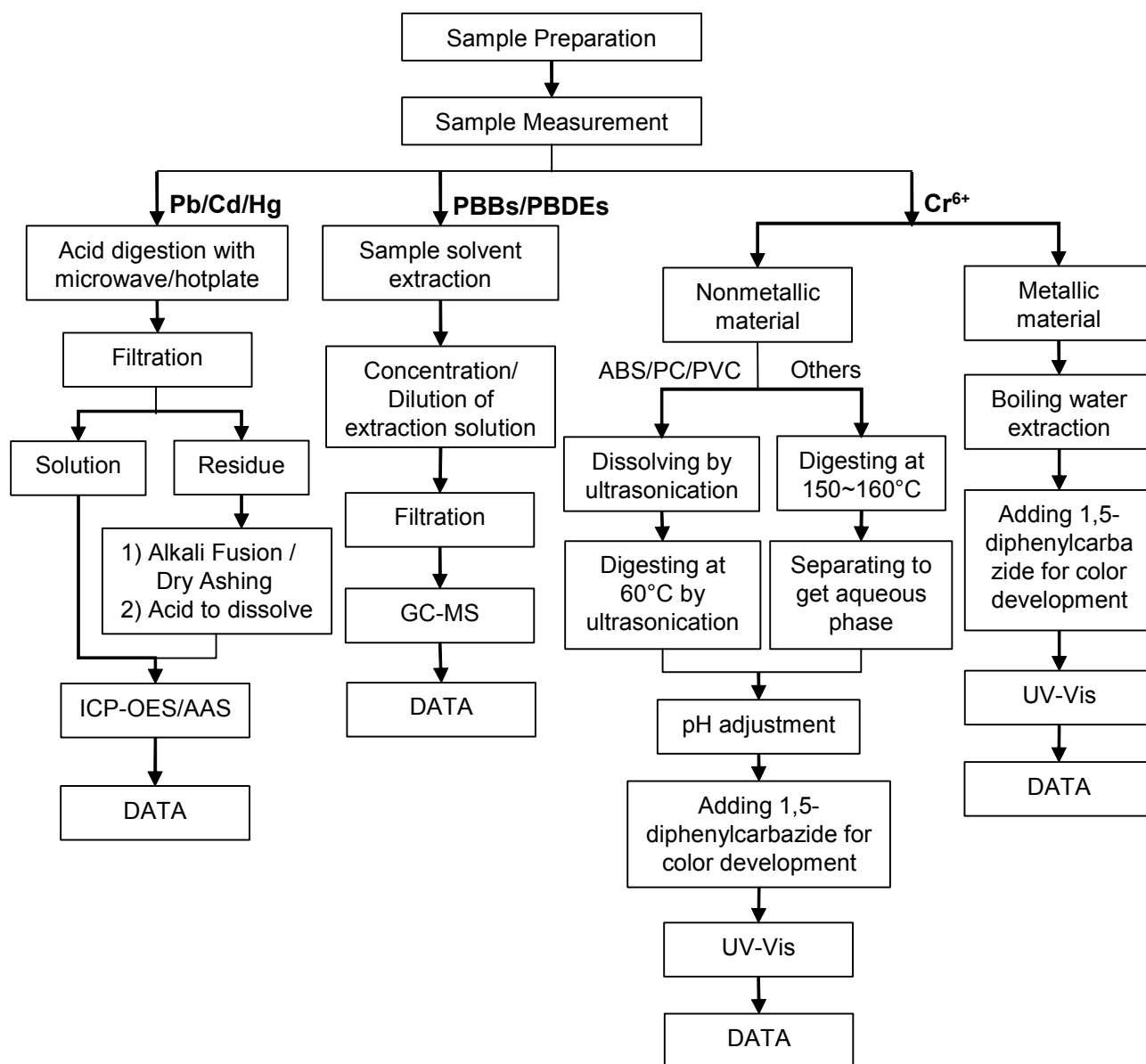
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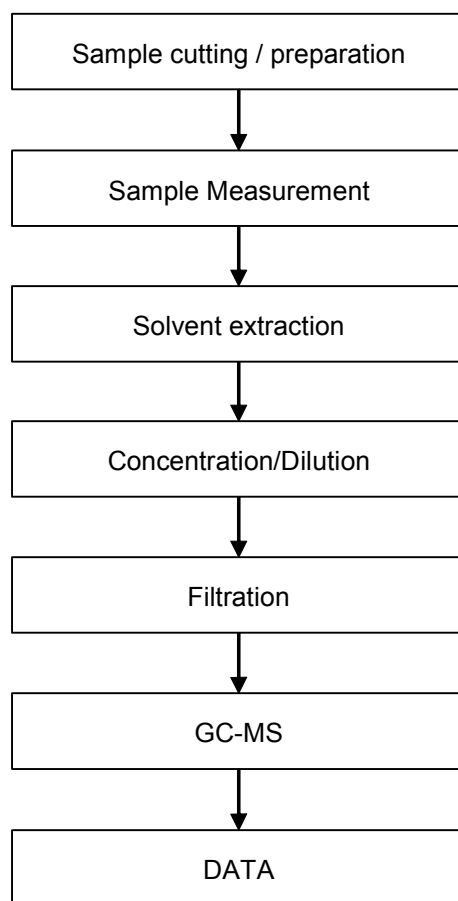
Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs Testing Flow Chart

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



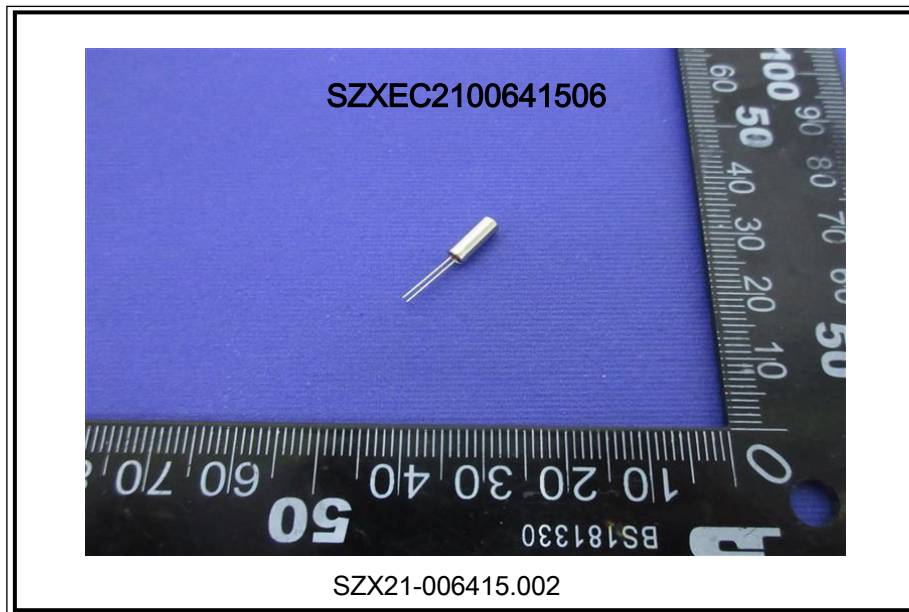
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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***