

CPST

Test Report

No. C220609030003-2

Date: Jun 14, 2022

Page 1 of 7

Applicant: DONGGUAN ZHIYOU ELECTRONIC TECHNOLOGY CO., LTD.

Applicant Address: 4TH FLOOR, BUILDING B, KABUSI, NO. 19, DONGGUAN AVENUE, DONGCHENG DISTRICT, DONGGUAN CITY

The following samples were submitted and identified on behalf of the clients as

Sample Name: Conductive rubber strip
Model: YP foam strip,YS sandwich strip,YL Zebra strips,YI brush ink,QD full conductive strip,etc.
CPST Internal Reference No.: C220609030
Sample Received Date: Jun 09, 2022
Test Period: Jun 09, 2022 to Jun 14, 2022
Test Method: Please refer to next page(s).
Test Result: Please refer to next page(s).

CONCLUSION :

<u>TESTED SAMPLES</u>	<u>TEST ITEM</u>	<u>RESULT</u>
Conductive rubber strip	1.RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863	
	— Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs Content	See the result
	—Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content	See the result

Signed for and on behalf of
Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

WRITTEN BY :

REVIEWED BY:

APPROVED BY:

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Sunshine Liu

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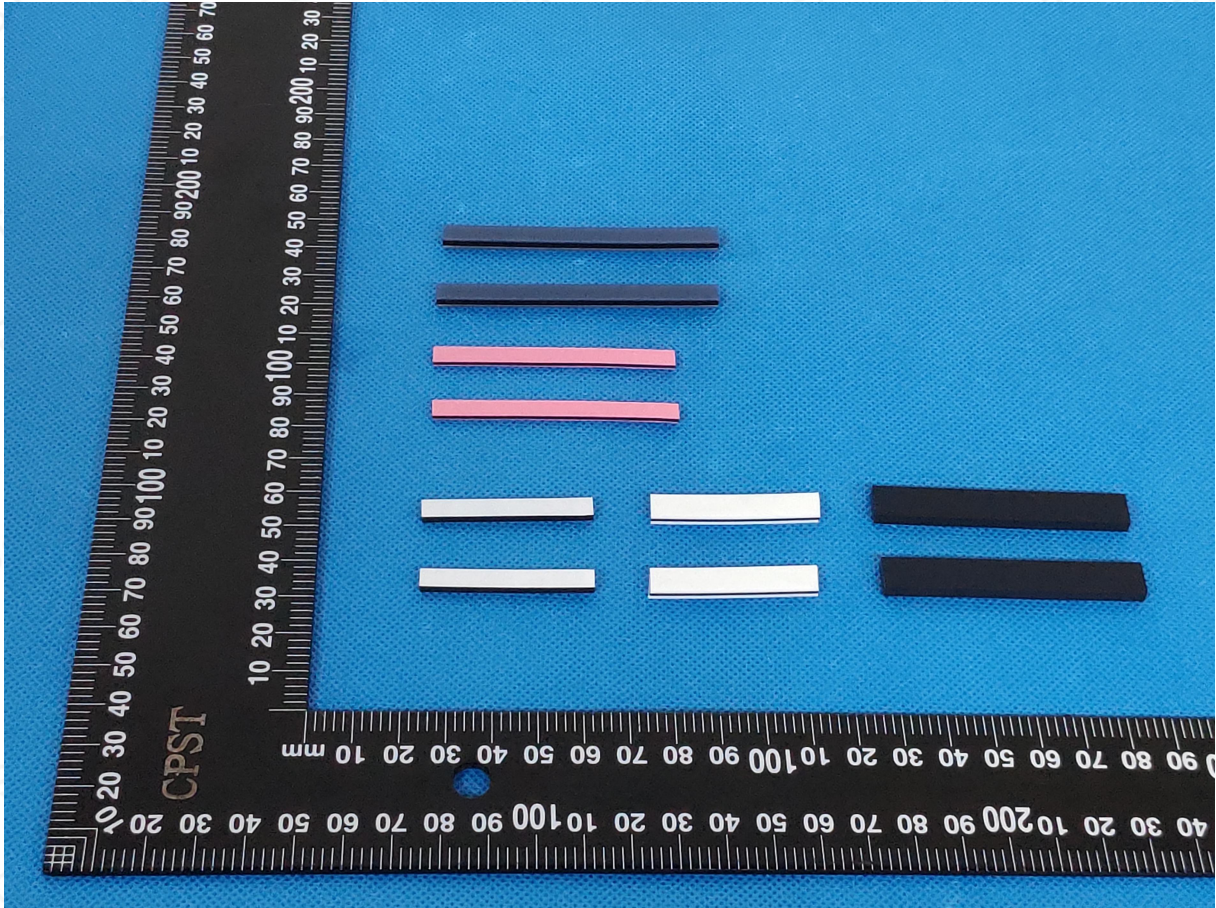
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Photo of the Submitted Sample



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Test Result(s):

Description of Specimen : Blue rubber strip + Pink rubber strip + White rubber strip + White rubber strip + Black rubber strip (Mixed)

1. Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs—RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863

Test Items	Unit	Test Method	Result	MDL
Lead (Pb)	mg/kg	IEC 62321-5:2013, ICP-OES	N.D.	2
Mercury (Hg)	mg/kg	IEC 62321-4:2013+A1:2017, ICP-OES	N.D.	2
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-OES	N.D.	2
Hexavalent Chromium (CrVI)	mg/kg	IEC 62321-7-2:2017, UV-VIS	N.D.	2
Monobromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Dibromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Tribromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Tetrabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Pentabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Hexabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Heptabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Octabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Nonabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Decabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Sum of PBBs	mg/kg	-	N.D.	-
Monobromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Dibromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Tribromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Tetrabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Pentabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Hexabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Heptabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Octabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Nonabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Decabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5
Sum of PBDEs	mg/kg	-	N.D.	-

- Note:
1. mg/kg = milligram per kilogram = ppm
 2. N.D. = Not Detected (< MDL)
 3. MDL = Method Detection Limit
 4. "-" = Not Regulated

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Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) Content—RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863

Test method: With reference to IEC 62321-8:2017, analysis was performed by GC-MS.

Test Items	Unit	Result	MDL
Di-(2-ethylhexyl) phthalate (DEHP)	mg/kg	110	50
Benzylbutyl phthalate (BBP)	mg/kg	N.D.	50
Dibutyl phthalate (DBP)	mg/kg	N.D.	50
Diisobutyl phthalate(DIBP)	mg/kg	90	50

Note:

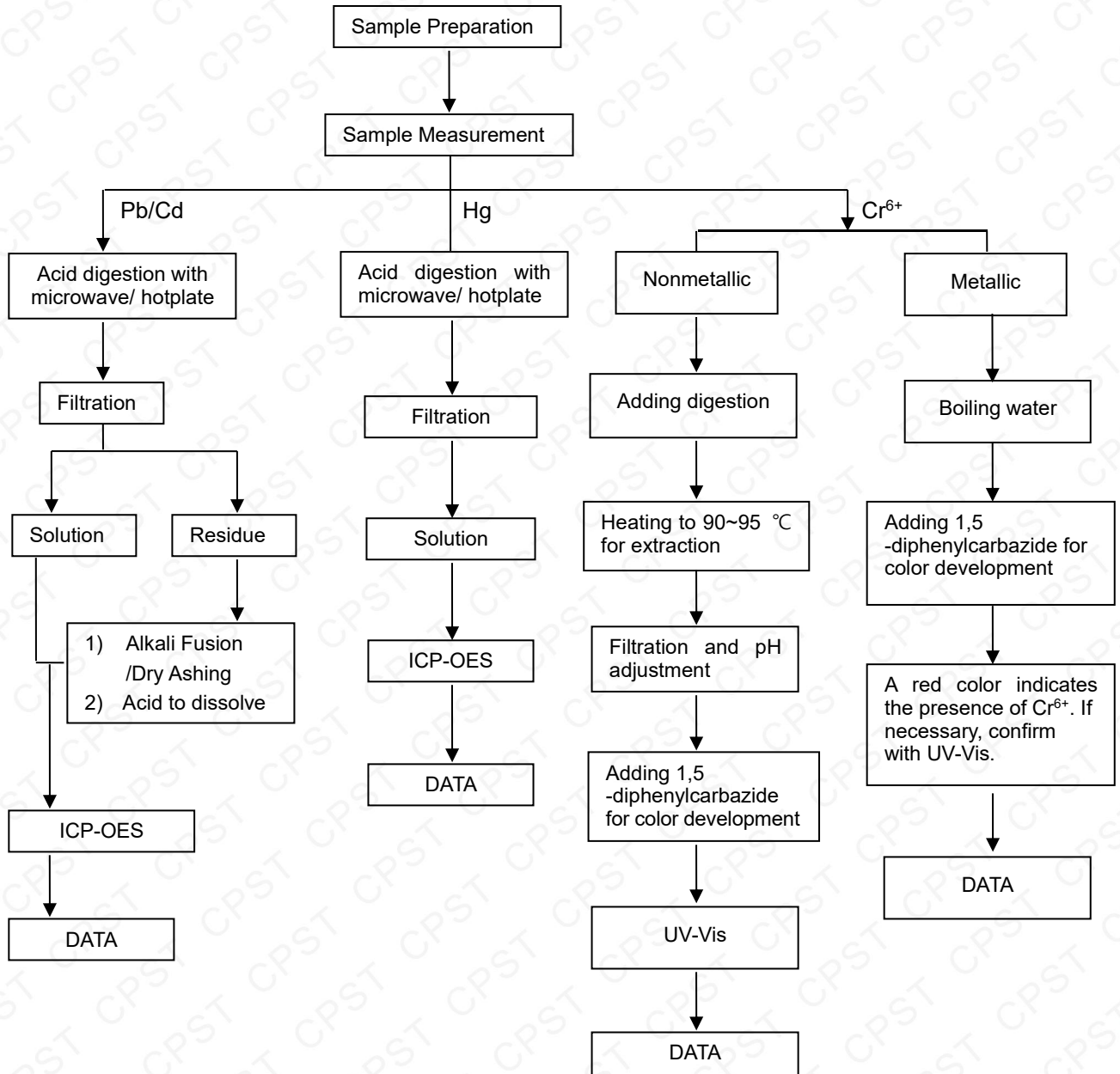
1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (<MDL)
3. MDL = Method detection limit

Remark: As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

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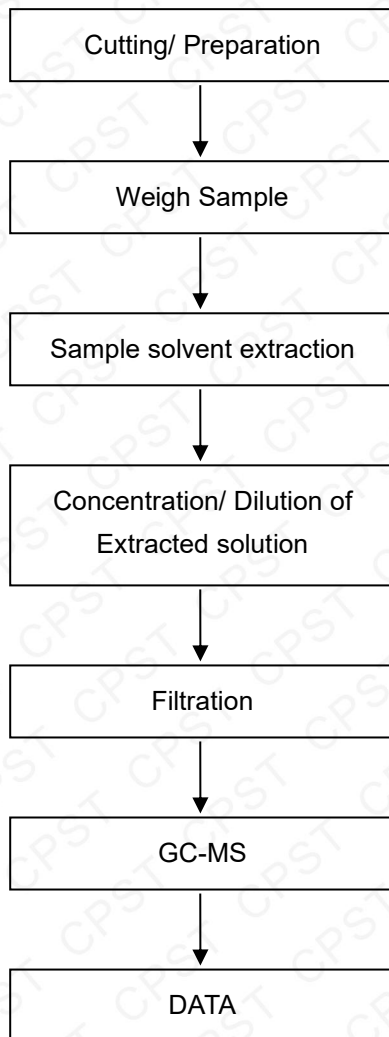
Pb/Cd/Hg/Cr⁶⁺ Testing Flow Chart

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



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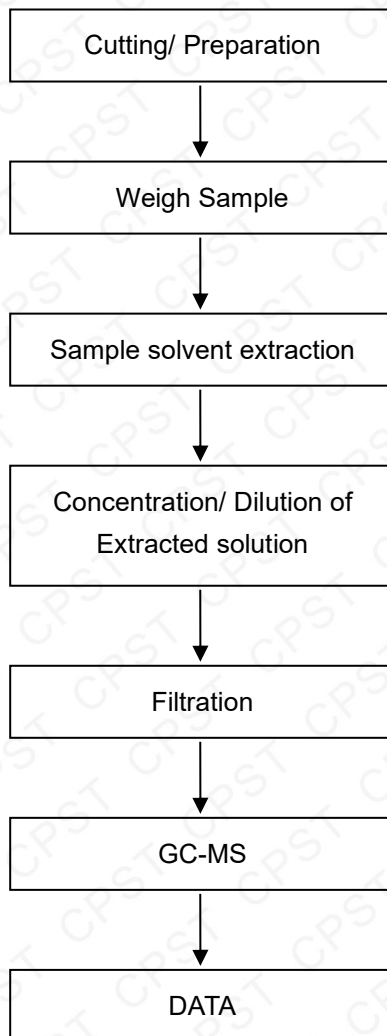
PBBs/PBDEs Testing Flow Chart



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Phthalates Testing Flow Chart



*** End of Report ***

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