

Test Report

Report No. SCL01I07147901 Page 1 of 7

Applicant SHENZHEN HAOTIAN ELECTRONICS CO LTD

Address B13 AROUND MAOXHOU INDUSTRIAL SA COMMUNITY SONGGANG

STREET STBAOAN SHENZHEN

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

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Sample Name 电容器 Color 黄色

Sample Received Date Aug. 13, 2016

Testing Period Aug. 13, 2016 to Aug. 18, 2016

Test Requested As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg),

Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Phthalates(DBP, BBP,

DEHP, DIBP) in the submitted sample(s).

Test Method/Test Result(s) Please refer to the following page(s).

Tested by

Jim

Reviewed by

Suchout

rested by

CenaporteStrag International Group Co.,Ltd.

Danny Liu

Date

Aug. 18, 2016

Danny Liu Technical Manager

No. R221589940

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

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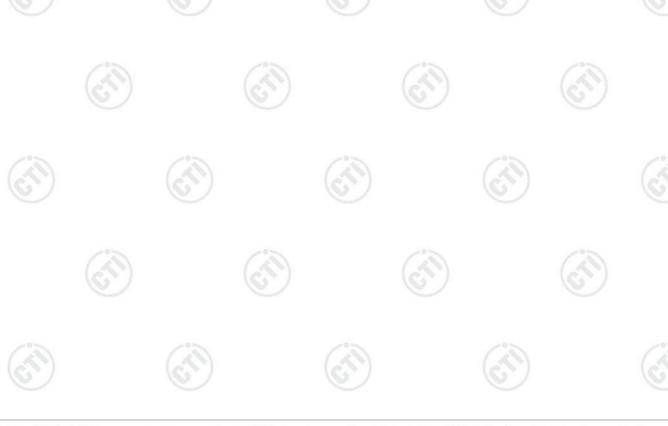
Page 2 of 7

Test Method

Tested Item(s)	Test Method	Measured Equipment(s)	
Lead(Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES	
Cadmium(Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES	
Mercury(Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES	
Hexavalent Chromium(Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis	
	IEC 62321-7-1:2015		
Polybrominated Biphenyls(PBBs)	IEC 62321-6:2015	GC-MS	
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	
Phthalates(DBP, BBP, DEHP, DIBP)	Refer to IEC 62321-8 CDV	GC-MS	

Test Result(s)

Traded Hame(a)	Result		MDI
Tested Item(s)	(1)	(2)	MDL
Lead(Pb)	N.D.	N.D.	2 mg/kg
Cadmium(Cd)	N.D.	N.D.	2 mg/kg
Mercury(Hg)	N.D.	N.D.	2 mg/kg
Hexavalent	N.D.		2 mg/kg
Chromium(Cr(VI))		N.D. [▼]	0.10 μg/cm ² (LOQ)



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Report No. SCL01I07147901

Page 3 of 7

Test Result(s)

Total Hands	Result	282 1507	
Tested Item(s)	(1)	MDL	
Polybrominated Biphenyls(PBBs)	(6)	(6.)	
Monobromobiphenyl	N.D.	5 mg/kg	
Dibromobiphenyl	N.D.	5 mg/kg	
Tribromobiphenyl	N.D.	5 mg/kg	
Tetrabromobiphenyl	N.D.	5 mg/kg	
Pentabromobiphenyl	N.D.	5 mg/kg	
Hexabromobiphenyl	N.D.	5 mg/kg	
Heptabromobiphenyl	N.D.	5 mg/kg	
Octabromobiphenyl	N.D.	5 mg/kg	
Nonabromobiphenyl	N.D.	5 mg/kg	
Decabromobiphenyl	N.D.	5 mg/kg	
Polybrominated Diphenyl Ethers(PBD)	Es)	•	
Monobromodiphenyl ether	N.D.	5 mg/kg	
Dibromodiphenyl ether	N.D.	5 mg/kg	
Tribromodiphenyl ether	N.D.	5 mg/kg	
Tetrabromodiphenyl ether	N.D.	5 mg/kg	
Pentabromodiphenyl ether	N.D.	5 mg/kg	
Hexabromodiphenyl ether	N.D.	5 mg/kg	
Heptabromodiphenyl ether	N.D.	5 mg/kg	
Octabromodiphenyl ether	N.D.	5 mg/kg	
Nonabromodiphenyl ether	N.D.	5 mg/kg	
Decabromodiphenyl ether	N.D.	5 mg/kg	

Togted Items(a)	Result	MDL
Tested Item(s)	(1)	MIDL
Phthalates		
Dibutyl phthalate(DBP) CAS#:84-74-2	N.D.	50 mg/kg
Benzylbutyl phthalate(BBP) CAS#:85-68-7	N.D.	50 mg/kg
Di-2-ethylhexyl phthalate(DEHP)	ND	50 mg/kg
CAS#:117-81-7	N.D.	
Diisobutyl phthalate(DIBP) CAS#:84-69-5	N.D.	50 mg/kg













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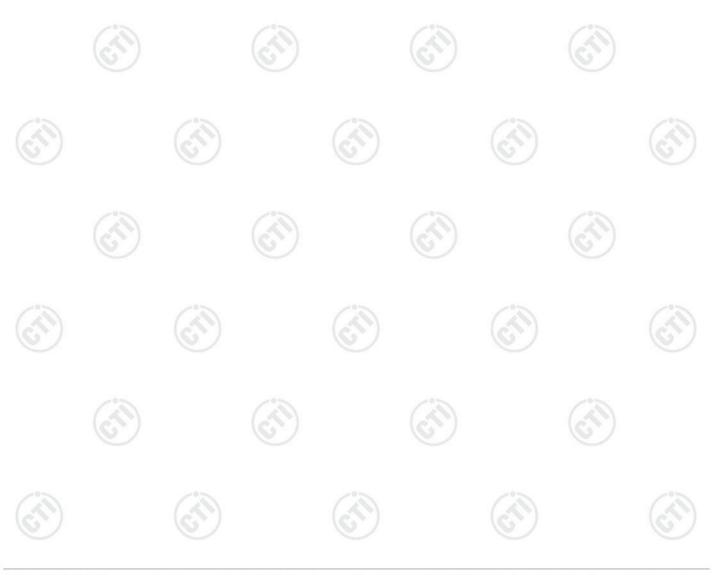
Page 4 of 7

Tested Sample/Part Description

- (1) Brown body(Tested as a whole)#
- (2) Silvery metal pin

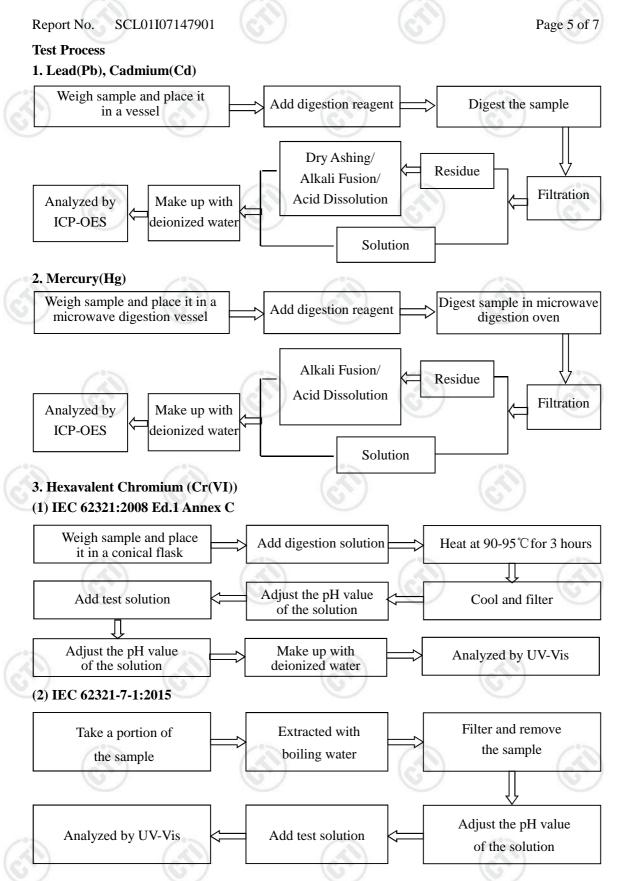
Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

- -MDL = Method Detection Limit
- -N.D. = Not Detected (<MDL or LOQ)
- -mg/kg = ppm = parts per million
- -LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 μg/cm²
- - $^{\blacktriangledown}$ The sample is negative for Cr(VI) The Cr(VI) concentration is below 0.10 μ g/cm². The coating is considered a non-Cr(VI) based coating.
- -# The sample(s) was tested as a whole, because it's impossible to disassemble or separate it by current equipment and technology. The result(s) shown on this report may be different from the content of any homogeneous material.





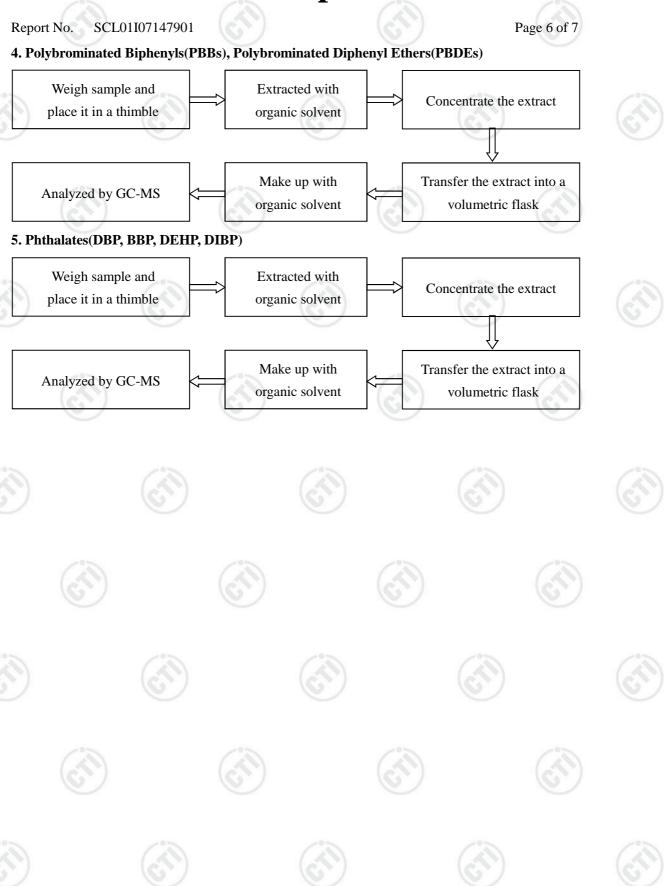




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Test Report

Report No. SCL01I07147901

Page 7 of 7

Photo(s) of the sample(s)

(1)



(2)



*** End of Report ***

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