



Report No. ECL01J041865003

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Applicant SUZHOU CHUANGJI ELECTRONICS CO LTD

Address NO.588 BINHE ROAD HIGH TECH ZONE, SUZHOU

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

Sample Name capacitor

Client Reference Information X1;X2;MEF;MPP;MEA;MET;CT81;Y1;Y2

Sample Received Date Jul. 10, 2017

Testing Period Jul. 10, 2017 to Jul. 14, 2017

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) in the submitted sample(s).

Test Method

Tested Item(s)	Test Method	Measured	
rested item(s)	n(s) Test iviethod		
(41)	IEC 62321-5:2013 Ed.1.0,		
Lead(Pb), Cadmium(Cd), Mercury(Hg),	IEC 62321-4:2013 Ed.1.0,	ICP-OES, UV-Vis	
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015,		
	IEC 62321-7-2:2017		
Polybrominated Biphenyls(PBBs),	IEC 62321-6:2015	GC-MS	
Polybrominated Diphenyl Ethers (PBDEs)	120 02021 0.2010		

Test Result(s)

Please refer to the following page(s).

Tested by

Verra

Reviewed by

lagging

Su Hongwei

Canfor Laboratory Manager

Date

Jul 14 2017

No. R198698058

ntre Testing International Pinbiao(Shanghai) Co., Ltd. No.1996,Xinjinqiao Road, Pudong New District,Shanghai,China 位验位测专用章



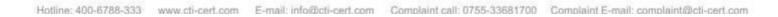
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Test Result(s)

Tested Item(s)	Result		MDI
	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 Chromium(Cr(VI))	- /	N.D.	8 mg/kg
	N.D. [▼]	(33)	0.10μg/cm ² (LOQ)

	D	Result	
Tested Item(s)	1	2	MDL
Polybrominated Biphenyls(PBBs)			
Monobromobiphenyl	(6,)	N.D.	5 mg/kg
Dibromobiphenyl		N.D.	5 mg/kg
Tribromobiphenyl	_	N.D.	5 mg/kg
Tetrabromobiphenyl		N.D.	5 mg/kg
Pentabromobiphenyl	(4)	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	6	N.D.	5 mg/kg
Polybrominated Diphenyl Ethers(P	(BDEs)		
Monobromodiphenyl ether	_	N.D.	5 mg/kg
Dibromodiphenyl ether	- ·	N.D.	5 mg/kg
Tribromodiphenyl ether	V) —	N.D.	5 mg/kg
Tetrabromodiphenyl ether	_	N.D.	5 mg/kg
Pentabromodiphenyl ether	_	N.D.	5 mg/kg
Hexabromodiphenyl ether	725	N.D.	5 mg/kg
Heptabromodiphenyl ether	(2 5)	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





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Tested Sample/Part Description

- 1. Silvery metal pin
- 2. Red body (Mix all)
- Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

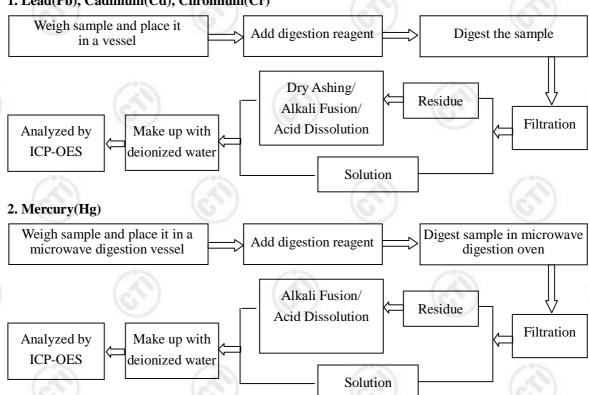
 As specified by client, the test was conducted by mixing all materials together.

 The result(s) shown on this report may be different from the content of any homogeneous material.
 - -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
 - The sample is negative for Cr(VI) The Cr(VI) concentration is below $0.10\mu g/cm^2$.

The coating is considered a non-Cr(VI) based coating.

Test Process

1. Lead(Pb), Cadmium(Cd), Chromium(Cr)





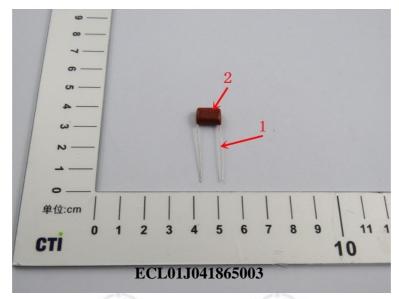
ECL01J041865003 Report No. Page 4 of 5 3. Hexavalent Chromium (Cr(VI)) (1) IEC 62321-7-2:2017 Weigh sample and place it Add digestion reagent Digest the sample in a vessel Adjust the pH value Add test solution Cool and filter of the solution Adjust the pH value Make up with Analyzed by UV-Vis of the solution deionized water (2) IEC 62321-7-1:2015 Extracted with Filter and remove Take a portion of the sample boiling water the sample Adjust the pH value Analyzed by UV-Vis Add test solution of the solution 4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)Weigh sample and Extracted with Concentrate the extract place it in a thimble organic solvent Make up with Transfer the extract into a Analyzed by GC-MS organic solvent volumetric flask



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Photo(s) of the sample(s)



*** End of Report ***

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