Test Report

Report No. ECL01J041865003

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 Equipment(s)
Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI))	IEC 62321-5:2013 Ed.1.0, IEC 62321-4:2013 Ed.1.0, IEC 62321-7-1:2015, IEC 62321-7-2:2017	ICP-OES, UV-Vis
Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS

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

Tested by Verna Reviewed by Taoying

Approved by Su Hongwei Date Jul. 14, 2017

Su Hongwei
Senior Laboratory Manager

No. R198698058

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Test Result(s)

Tested Item(s)	Result		MDL
	1	2	
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.▼	—	0.10μg/cm^2(LOQ)

Tested Item(s)	Result		MDL
	1	2	
Polybrominated Biphenyls(PBBs)			
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(PBDEs)			
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

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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)

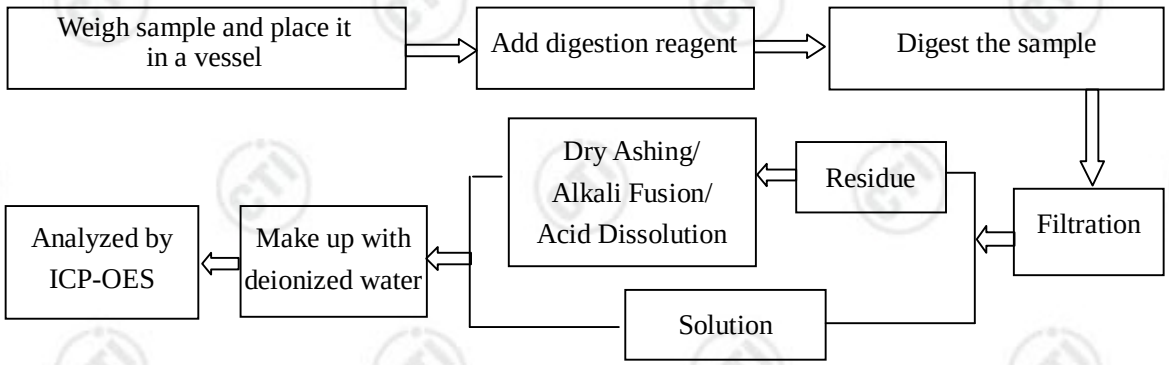
-mg/kg = ppm = parts per million

-LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 μg/cm^2

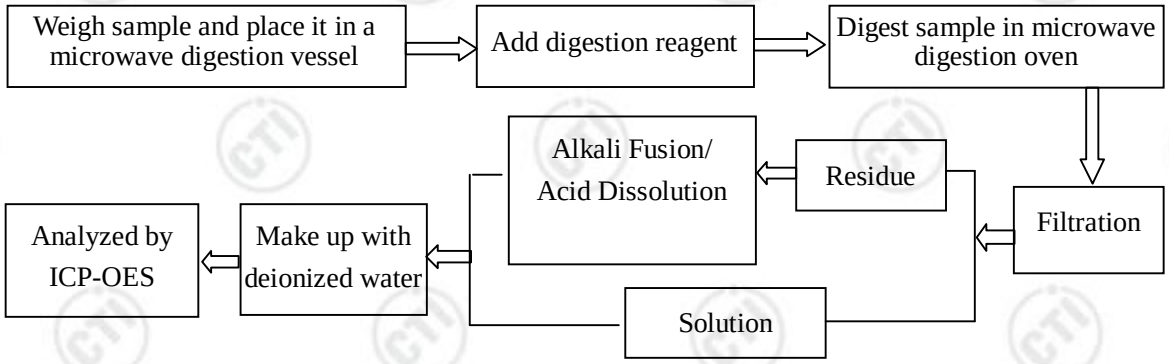
-▼The sample is negative for Cr(VI) − The Cr(VI) concentration is below 0.10μg/cm^2. The coating is considered a non-Cr(VI) based coating.

Test Process

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



2. Mercury(Hg)



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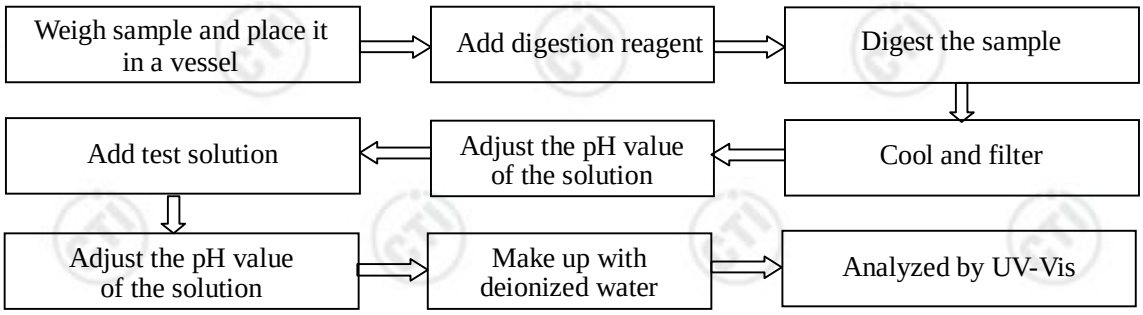
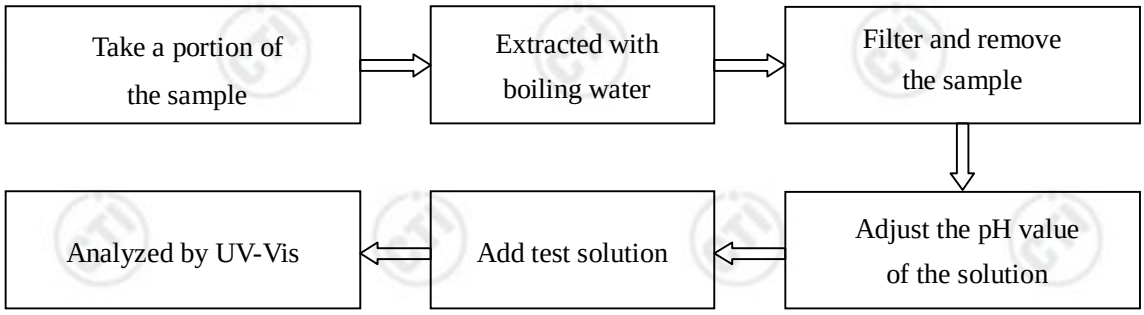
3. Hexavalent Chromium (Cr(VI))

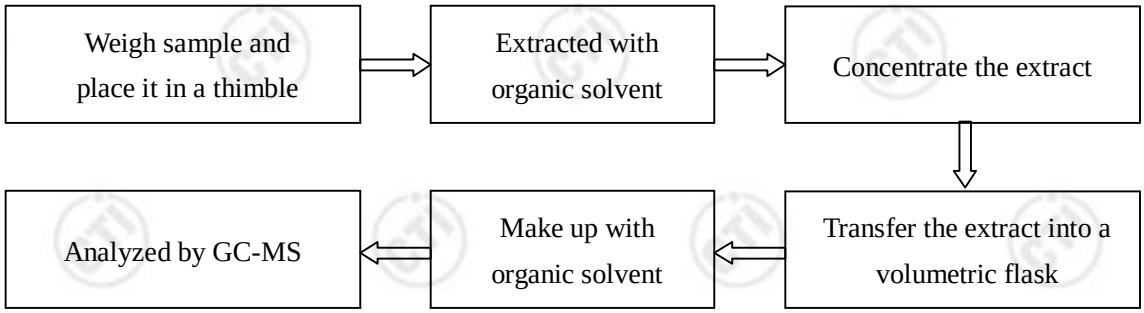
(1) IEC 62321-7-2:2017



(2) IEC 62321-7-1:2015



4. Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs)



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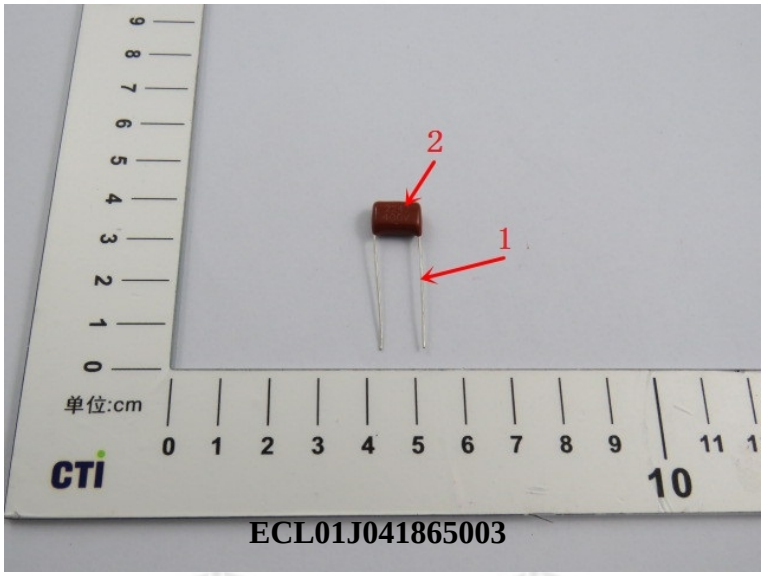
Photo(s) of the sample(s)



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