



Test Report

Report No.: TR20160423

Applicant	Shanghai Ecube-Tech Electronics Technology Co., Ltd.
Address	No. 245 Jinan Road, Huangpu Area, Shanghai, 200021, China
Report Date	Feb. 1, 2016



Hangzhou C&K Testing Technic Co., Ltd.

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Add : 1/F, No. 4 Building, Huaye Hi-Tech Industrial Park, No. 1180, Bin'an Road, Binjiang District, Hangzhou 310052. China.

Hotline : 4006-721-723 Lab Tel : +86 571-8720 6535 Fax : +86 571-8990 0719 E-mail : test@cirs-group.com Website : www.cirs-ck.com

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Test Report

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Address	No. 245 Jinan Road, Huangpu Area, Shanghai, 200021, China
Sample Name	MOV Varistor
Type/ Model	MYG05D, MYG07D, MYG10D, MYG14D, MYG20D
Sample Received Date	Jan. 28, 2016
Test Period	Jan. 28, 2016 ~ Feb. 1, 2016
Test Requirement	To determine the certain Hazardous Substances of the submitted sample according to the requirements of RoHS Directive 2011/65/EU (the European Parliament and the Council's Restriction on the use of certain Hazardous Substances in electrical and electronic equipment) and its amendment (EU) 2015/863.

Test Item(s)	Test Result(s)
RoHS Directive 2011/65/EU and its amendment (EU) 2015/ 863	See Test Result(s)

Complied by Yoko Ye Inspected by Kale Zhang Authorized by Mark Li
Mark Li/ Lab Manager

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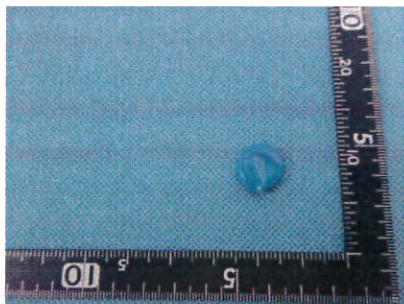
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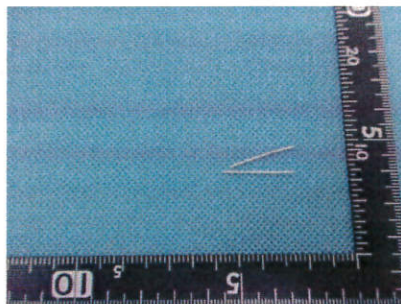
Test Component(s):

No.	Sample Serial No.	Test Component(s)
1	TR20160423001	Blue coating
2	TR20160423002	Metal iron wire
3	TR20160423003	Chip

Photo(s):



1



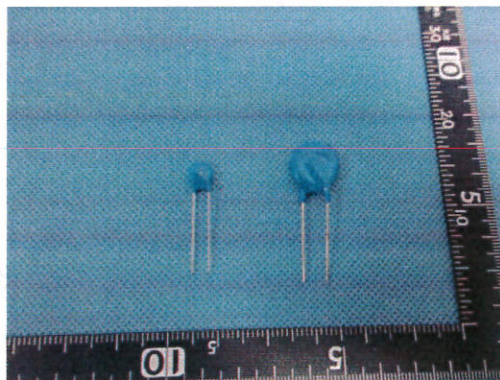
2



3

TR20160423

Overview:





RoHS Directive 2011/65/EU and its amendment (EU) 2015/ 863

Test Method: Pb, Cd : IEC 62321-5:2013; Hg: IEC 62321-4:2013; Cr⁶⁺: IEC 62321:2008

PBBs, PBDEs: IEC 62321-6:2015; DBP, DEHP, BBP, DIBP: EPA 3550C:2007, EPA 8270D: 2007

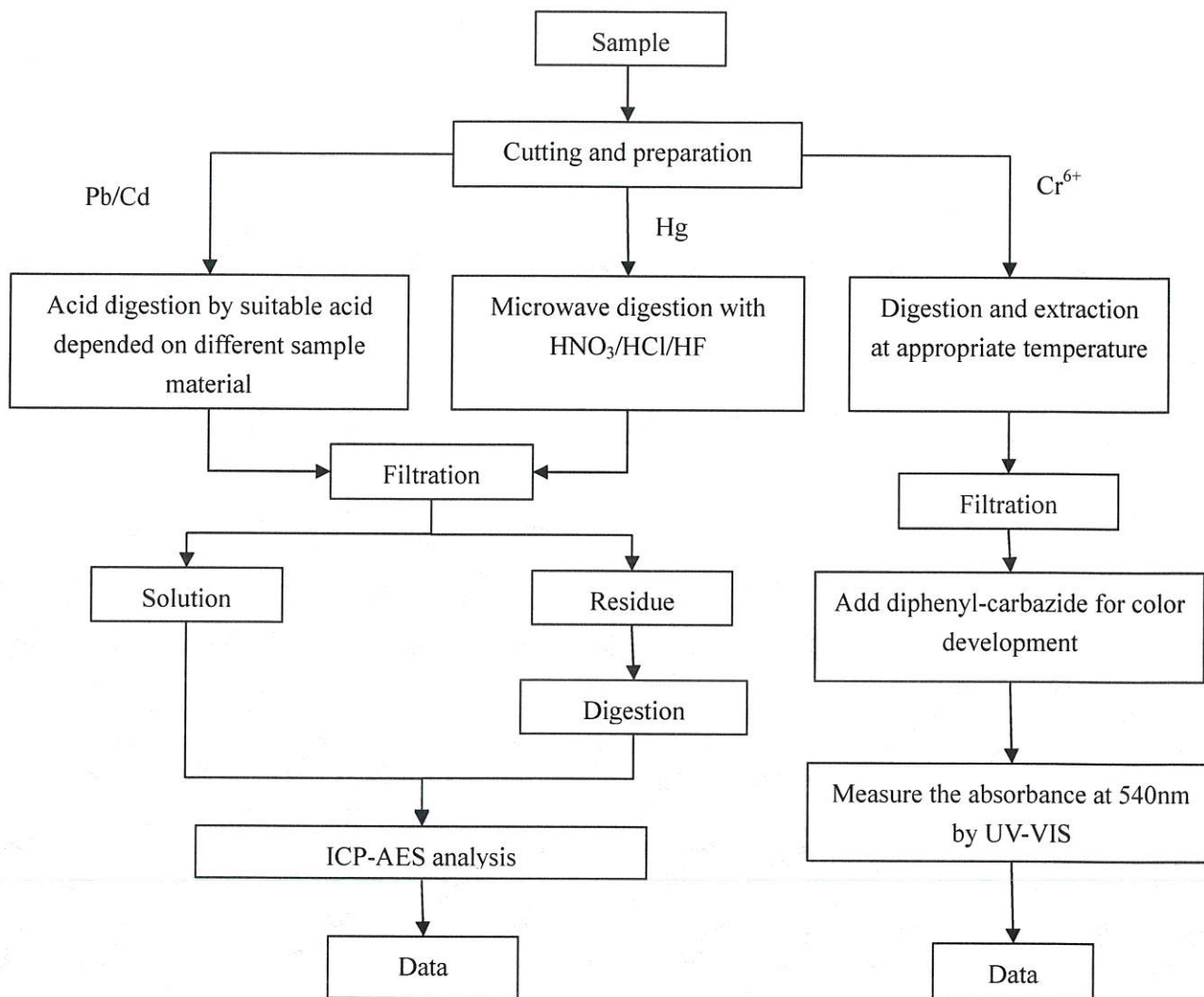
Test Item(s)	Limit	MDL	Unit	Test Result(s)		
				1	2	3
Lead(Pb)	1000	5	mg/kg	N.D.	N.D.	N.D.
Mercury(Hg)	1000	5	mg/kg	N.D.	N.D.	N.D.
Hexavalent Chromium(Cr ⁶⁺)	1000	5	mg/kg	N.D.	N.D.	N.D.
Cadmium(Cd)	100	5	mg/kg	N.D.	N.D.	N.D.
Polybrominated Biphenyls (PBBs)	1000	100	mg/kg	N.D.	N.D.	N.D.
Polybrominated Diphenylethers (PBDEs)	1000	100	mg/kg	N.D.	N.D.	N.D.
Dibutyl phthalate (DBP)	1000	10	mg/kg	N.D.	--	--
Bis (2-ethyl(hexyl)phthalate) (DEHP)	1000	10	mg/kg	N.D.	--	--
Benzyl butyl phthalate (BBP)	1000	10	mg/kg	N.D.	--	--
Diisobutyl phthalate (DIBP)	1000	10	mg/kg	N.D.	--	--

Remarks:

1. MDL = Method Detection Limit
2. N.D. = Not detected (<MDL)

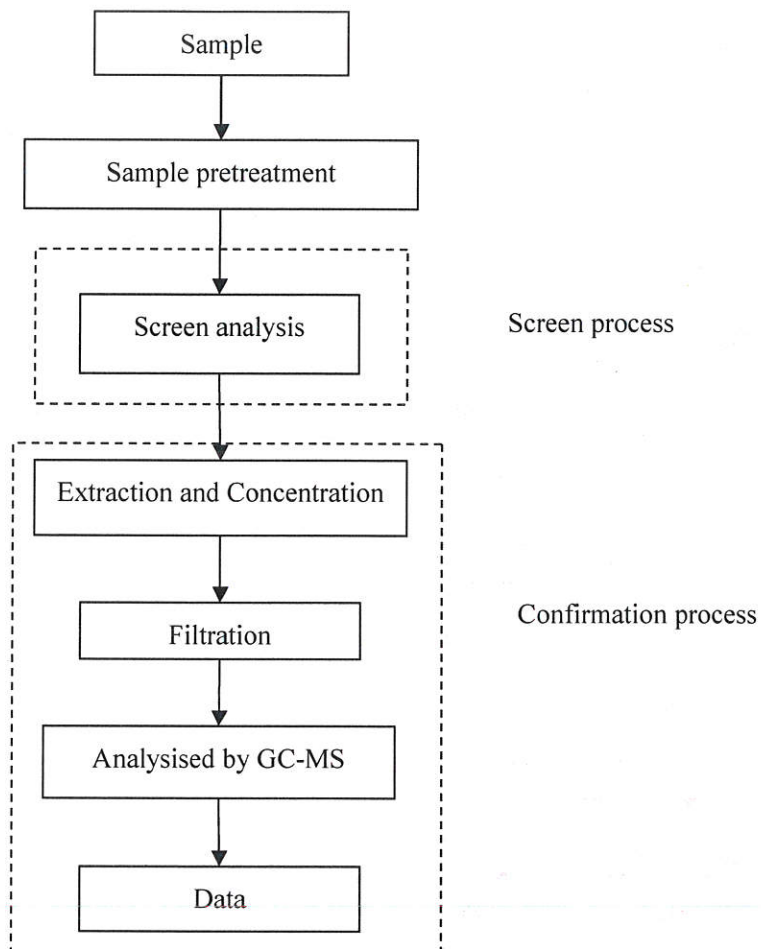


Test Flow Chart for the determination of Pb, Cd, Hg, Cr⁶⁺



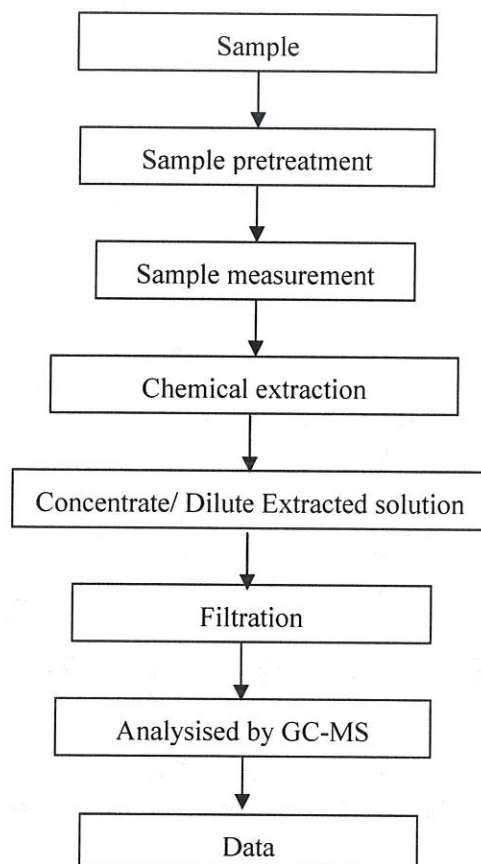


Test Flow Chart for the determination of PBB/PBDE





Test Flow Chart for the determination of Phthalates Content



The end of report

TECHNIC CO., LTD.

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