



# Test Report

Report No.: TR20162833

ZHEJIANG YUWANG ELECTRIC

Applicant APPLIANCE CO., LTD.

No.38, Changping Road, Taozhu Street,  
Address Zhuji City, Zhejiang Province, China

Report Date 2016-05-17

**Hangzhou C&K Testing Technic Co., Ltd.**

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Hangzhou C&K Testing Technic Co., Ltd

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The result(s) shown in this report refer only to the sample(s) tested unless otherwise stated. This report shall not be reproduced except in full, without written prior approval of Hangzhou C&K Testing Technic Co., Ltd.



## Test Report

<b>Applicant</b>	ZHEJIANG YUWANG ELECTRIC APPLIANCE CO., LTD.
<b>Address</b>	No.38, Changping Road, Taozhu Street, Zhuji City, Zhejiang Province, China
<b>Sample Name</b>	CAPACITOR
<b>Type/Model</b>	CBB
<b>Sample Received Date</b>	2016-05-11
<b>Test Period</b>	2016-05-11~ 2016-05-17
<b>Test Requirement</b>	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).

Test Item(s)	Test Result(s)
RoHS Directive 2011/65/EU	Pass

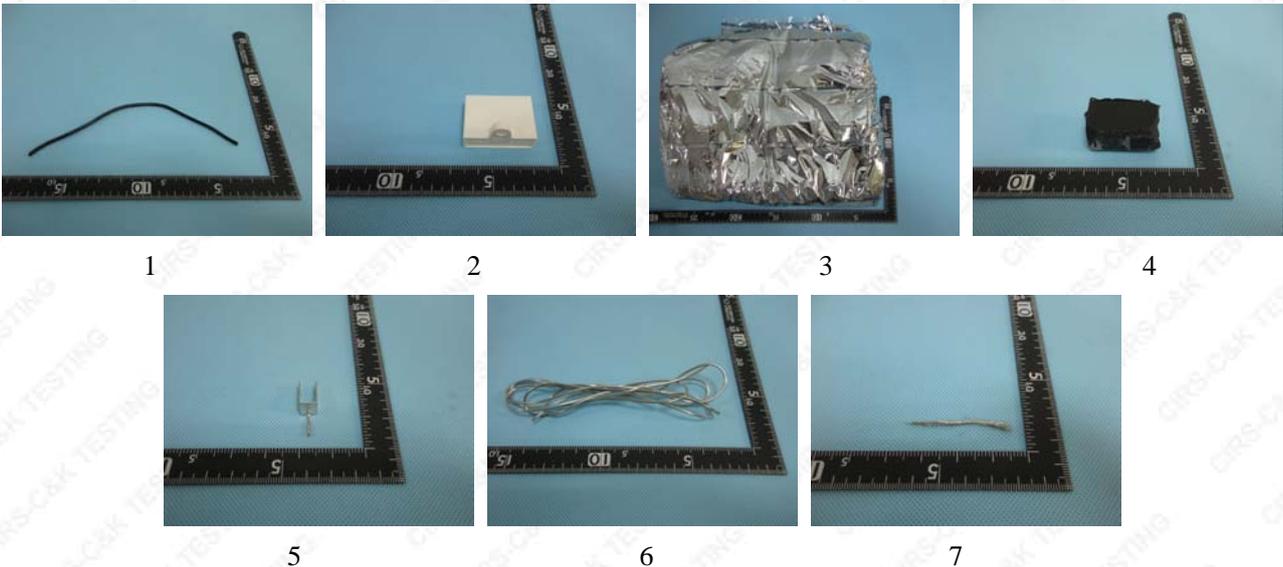
Complied by Crystal Su Inspected by Kale Zhang Authorized by Mark Li



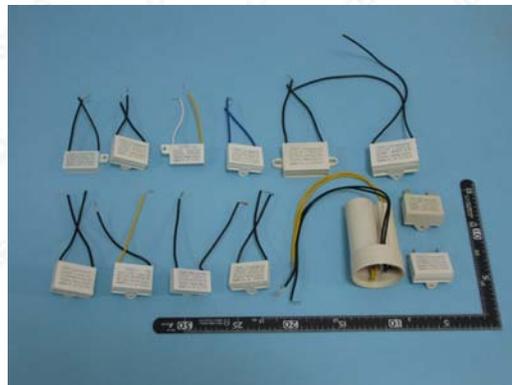
**Test Component(s):**

No.	Sample Serial No.	Test Component(s)
1	TR20162833001	Capacitor wire sheath
2	TR20162833002	Capacitor plastic shell
3	TR20162833003	Capacitor film
4	TR20162833004	Capacitor epoxy resin
5	TR20162833005	Pin
6	TR20162833006	Zinc wire
7	TR20162833007	Capacitor (Copper wire)

**Photo(s):**



**Reference photo:**



TR2016833



**RoHS Directive 2011/65/EU**

Test Method: Pb, Cd : IEC 62321-5:2013; Hg: IEC 62321-4:2013; Cr<sup>6+</sup>: IEC 62321:2008  
PBBs, PBDEs: IEC 62321-6:2015

Test Item(s)	Limit	MDL	Unit	Test Result(s)			
				1	2	3	4
Lead(Pb)	1000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Mercury(Hg)	1000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium(Cr <sup>6+</sup> )	1000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Cadmium(Cd)	100	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Polybrominated Biphenyls (PBBs)	1000	100	mg/kg	N.D.	N.D.	N.D.	N.D.
Polybrominated Diphenylethers (PBDEs)	1000	100	mg/kg	N.D.	N.D.	N.D.	N.D.

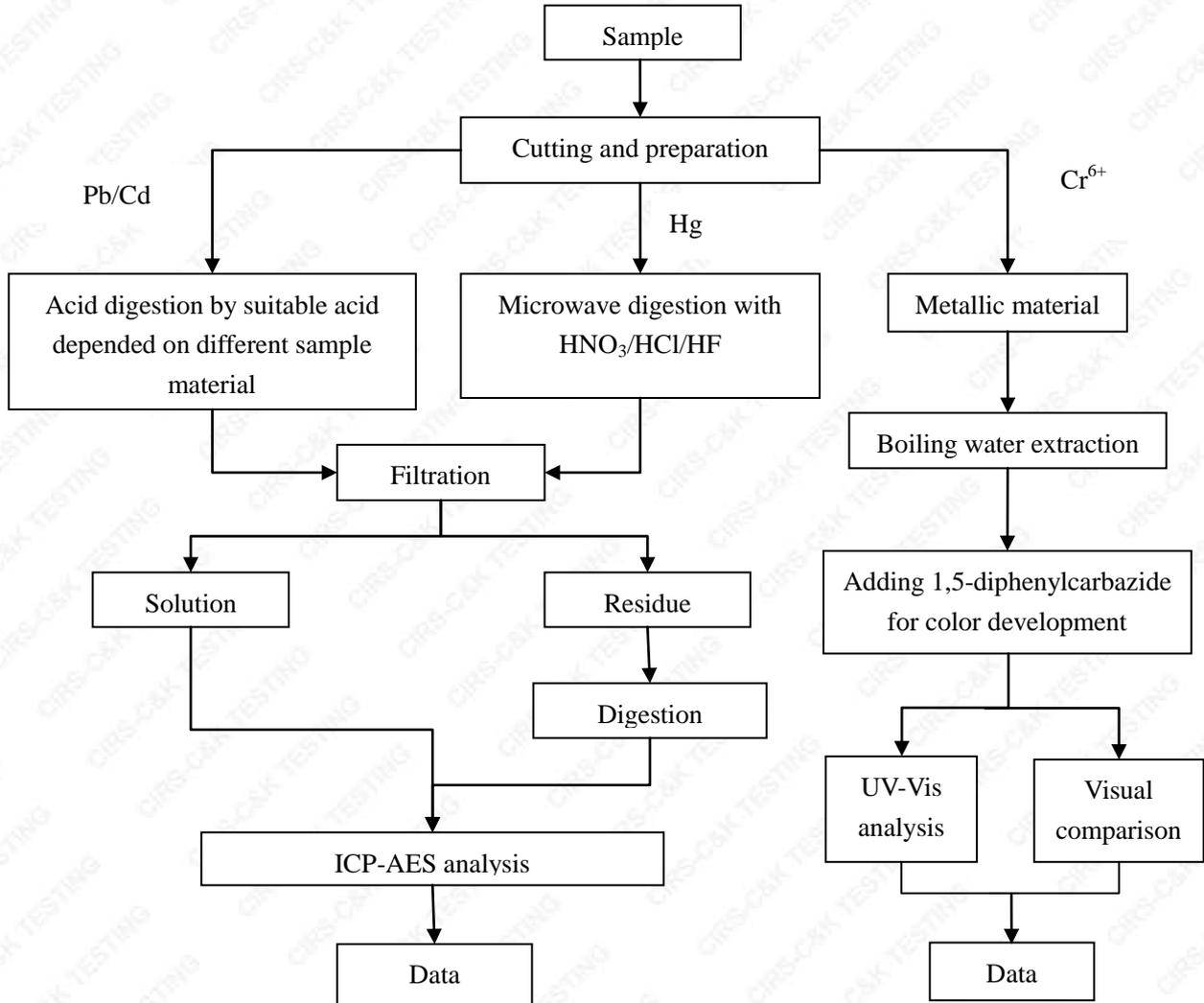
Test Item(s)	Limit	MDL	Unit	Test Result(s)		
				5	6	7
Lead(Pb)	1000	5	mg/kg	N.D.	N.D.	N.D.
Mercury(Hg)	1000	5	mg/kg	N.D.	N.D.	N.D.
Hexavalent Chromium(Cr <sup>6+</sup> )	1000	5	mg/kg	N.D.	N.D.	N.D.
Cadmium(Cd)	100	5	mg/kg	N.D.	N.D.	N.D.

Remark:

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

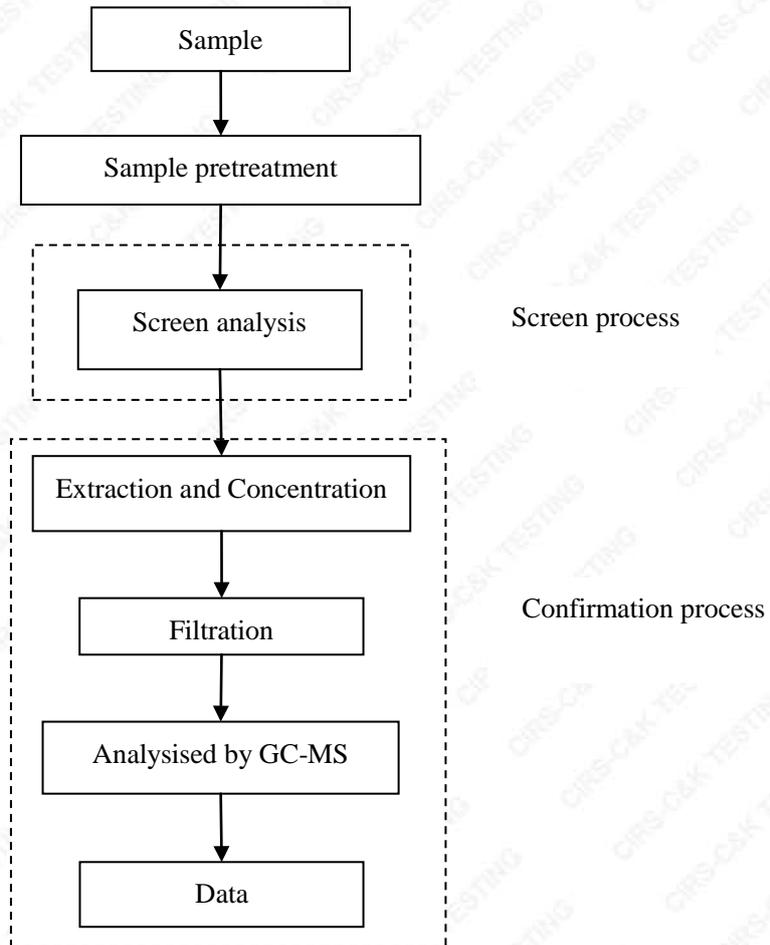


Test Flow Chart for the determination of Pb, Cd, Hg, Cr<sup>6+</sup>





**Test Flow Chart for the determination of PBB/PBDE**



\*\*\*The end of report\*\*\*