

Test Report

Report No. RLNBF000128970012

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Applicant ZHEJIANG LONGFA ELECTRONICS CO.,LTD

Address LONGFA EDIFICE,DANXI TOWN,YUEQING CITY,ZHEJIANG PROVINCE

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

Sample Name Phosphor Copper

Part No. C5191

Sample Received Date Mar. 14, 2013

Testing Period Mar. 14, 2013 to Mar. 18, 2013

Test Requested As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)) in the submitted sample(s).

Test Method

Test Item(s)	Test Method	Measured Equipment(s)	MDL
Lead(Pb)	IEC 62321:2008 Ed.1 Sec.9	ICP-OES	2 mg/kg
Cadmium(Cd)	IEC 62321:2008 Ed.1 Sec.9	ICP-OES	2 mg/kg
Mercury(Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2 mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321:2008 Ed.1 Annex B	UV-Vis	/

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

Conclusion

Tested Sample	According to directive	Result
Submitted Sample	2011/65/EU	Pass

Tested by

Sha Chen

Reviewed by

Lin Zhang

Approved by

Wei Miao

Date

Mar. 18, 2013

Wei Miao

Approved Signatory

No. 1343154472

Centre Testing International(Ningbo)Co.,ltd. 7-8/F.,Building A,No.750.Chuangyuan Road,Gaoxin District,Ningbo,Zhengjiang,China

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Test Result(s)

Tested Items	Result	Directive Limit
Lead (Pb)	41 mg/kg	1000mg/kg
Cadmium (Cd)	N.D.	100mg/kg
Mercury (Hg)	N.D.	1000mg/kg
Hexavalent Chromium (Cr ⁶⁺)	Negative	1000mg/kg

Tested Sample/Part Description Cupreous metal

Note: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million
-Negative = Absence of Cr(VI) , the detected Cr(VI) concentration in the boiling water extraction solution is less than 0.02 mg/kg with 50cm² sample surface area used.

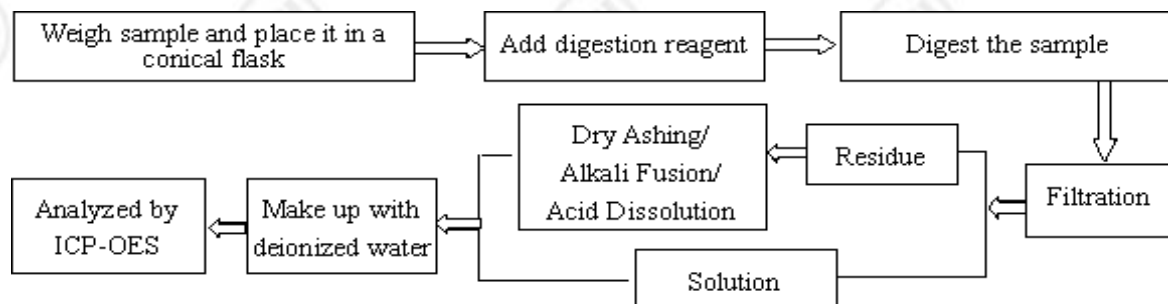
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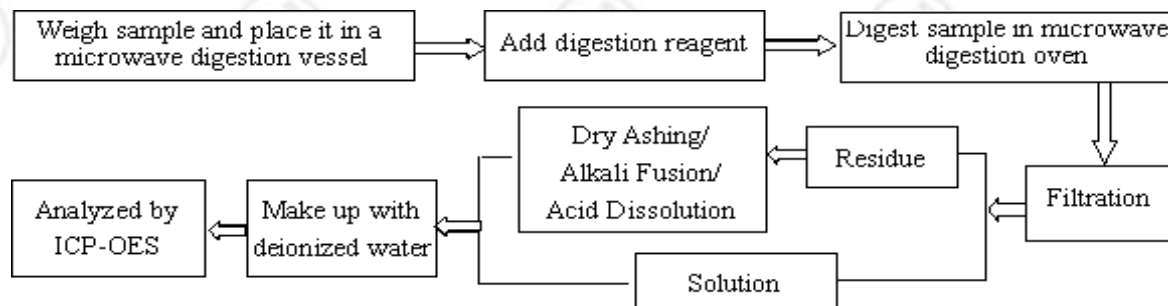
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Test Process

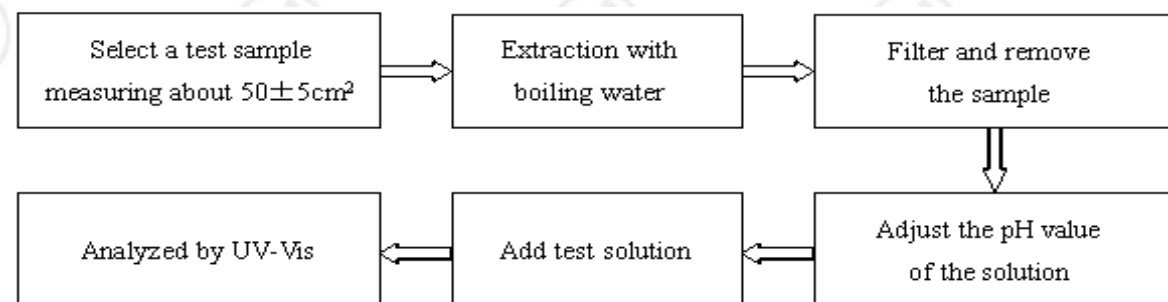
1. Lead(Pb), Cadmium(Cd)



2. Mercury(Hg)



3. Hexavalent Chromium(Cr(VI))

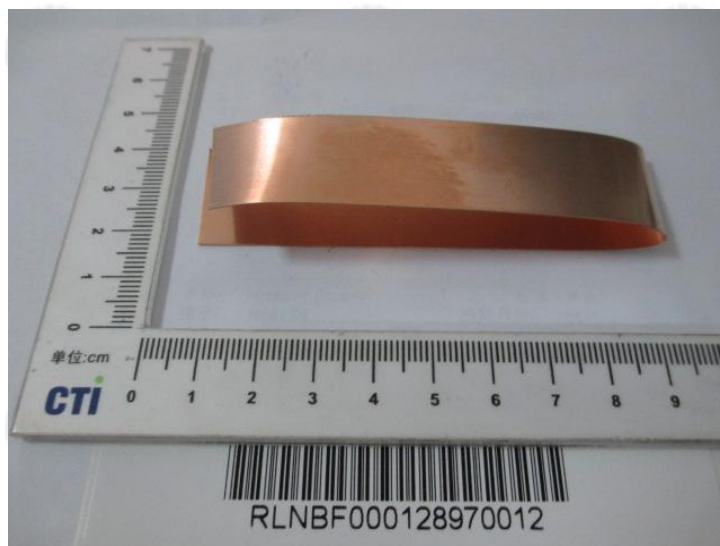


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Photo(s) of the sample(s)



*** End of report ***

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