

# Test Report

**Report No.** ECL03I004535001

Page 1 of 4

**Applicant** ZHEJIANG BRIDGOLD COPPER SCIENCE AND TECHNOLOGY CO.,LTD  
**Address** NO.11, ZHENXING ROAD, XINGUANG INDUSTRIAL ZONE, LIUSHI TOWN,  
YUEQING CITY, ZHEJIANG PROVINCE, CHINA

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

**Sample Name** Flexible Copper Foil Connector  
**Material** T2  
**Sample Received Date** Sep. 1, 2016  
**Testing Period** Sep. 1, 2016 to Sep. 5, 2016

**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** Please refer to the following page(s).

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

\*\*\*\*\*  
**Conclusion**

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

\*\*\*\*\*  
Pass means that the results shown on the report comply with the limits set by RoHS Directive 2011/65/EU.



Tested by Xiangqing Jiang

Approved by Lin Zhang

Lin Zhang  
Approved Signatory

Reviewed by Sha Chen

Date Sep. 5, 2016

No. R219921490

# Test Report

Report No. ECL03I004535001

Page 2 of 4

## Test Method

Test Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Mercury (Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015	UV-Vis

## Test Result(s)

Tested Item(s)	Result	MDL	Limit of Directive 2011/65/EU
Lead (Pb)	N.D.	2 mg/kg	1000 mg/kg
Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
Hexavalent Chromium(Cr(VI))	N.D. ▼	0.10 µg/cm <sup>2</sup> (LOQ)	1000 mg/kg

**Tested Sample/Part Description** Cupreous metal

**Remark:** The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

-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<sup>2</sup>

-▼The sample is negative for Cr(VI) – The Cr(VI) concentration is below 0.10 µg/cm<sup>2</sup>.

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

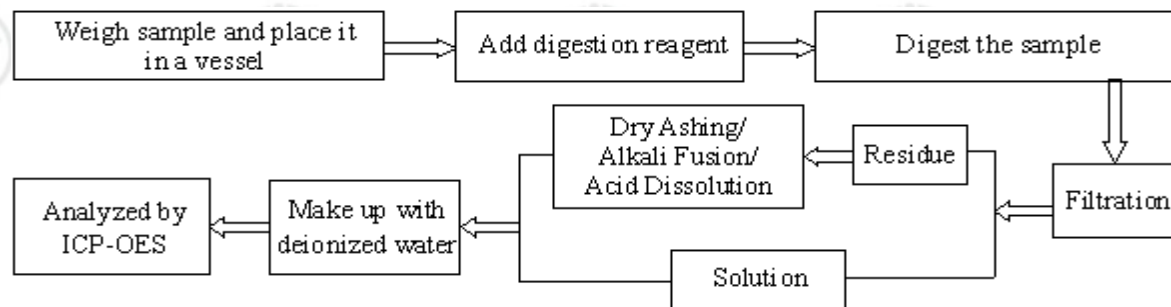
# Test Report

Report No. ECL03I004535001

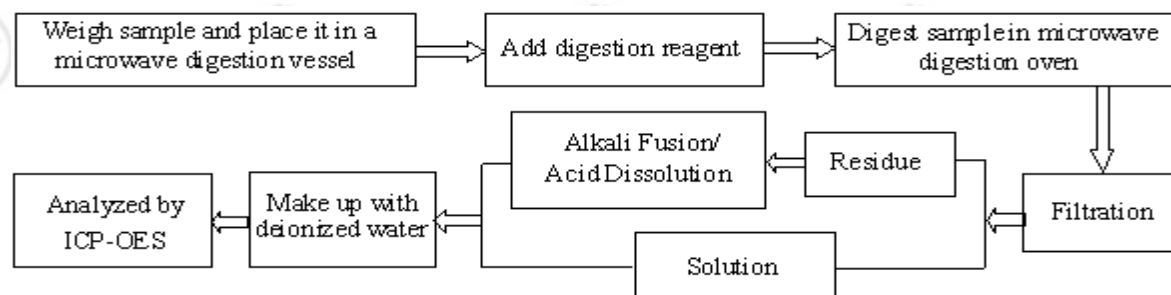
Page 3 of 4

## Test Process

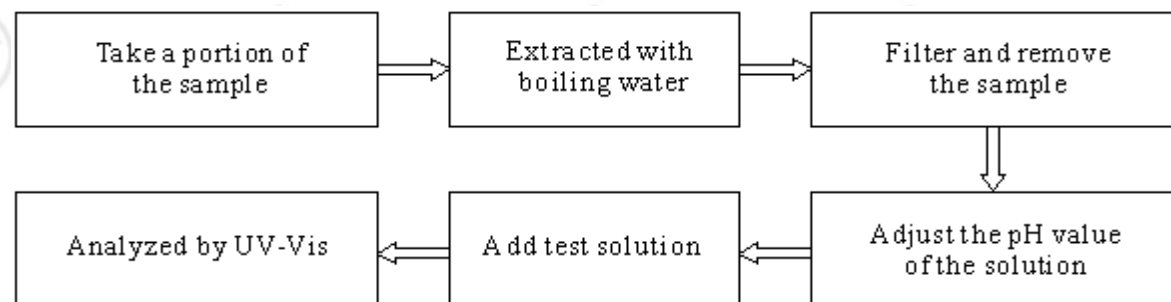
### 1. Lead (Pb), Cadmium (Cd)



### 2. Mercury (Hg)



### 3. Hexavalent Chromium(Cr(VI))



# Test Report

Report No. ECL03I004535001

Page 4 of 4

## Photo(s) of the sample(s)



\*\*\* End of report \*\*\*

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