

Test Report

Report No. ECL03H003595004

Page 1 of 3

Applicant ZHEJIANG BRIDGOLD COPPER SCIENCE AND TECHNOLOGY COMPANY LIMITED

Address 11# ZHENXING ROAD, XINGUANG INDUSTRIAL ZONE, LIUSHI, YUEQING, ZHEJIANG, CHINA

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

Sample Name Tin-Stranded Copper Wire
Material Oxygen-free copper
Sample Received Date Jul. 17, 2015
Testing Period Jul. 17, 2015 to Jul. 20, 2015

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)
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 62321:2008 Ed.1 Annex B	UV-Vis

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



Xiangqing Jiang

Wei Miao

Wei Miao
Approved Signatory

Lin Zhang

Reviewed by

Date

Jul. 20, 2015

No. R138201563

Test Report

Report No. ECL03H003595004

Page 2 of 3

Test Result(s)

Tested Item(s)	Result	MDL
Lead (Pb)	N.D.	2 mg/kg
Cadmium (Cd)	N.D.	2 mg/kg
Mercury (Hg)	N.D.	2 mg/kg
Hexavalent Chromium(Cr(VI))	Negative	/

Tested Sample/Part Description Metal with silvery plating

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

-MDL = Method Detection Limit

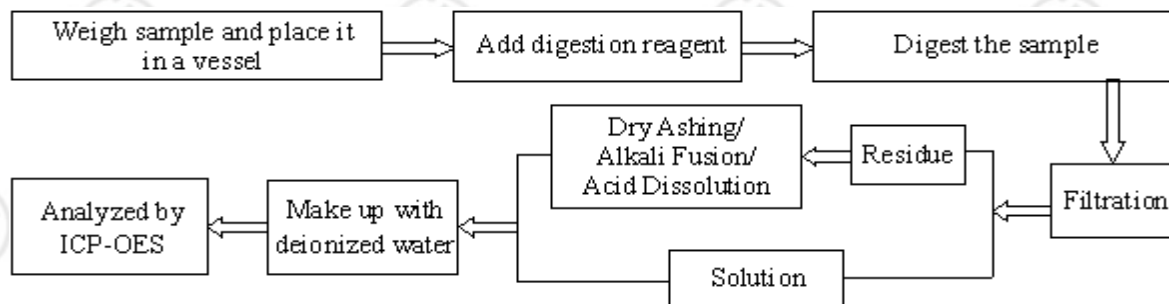
-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

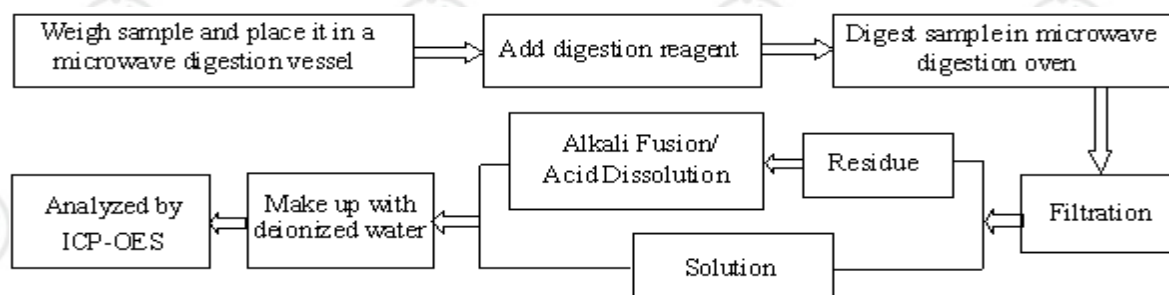
-Negative = Absence of Cr(VI) , the detected Cr(VI) concentration in the boiling water extraction solution is less than 0.02 mg/kg with 50cm² sample surface area used.

Test Process

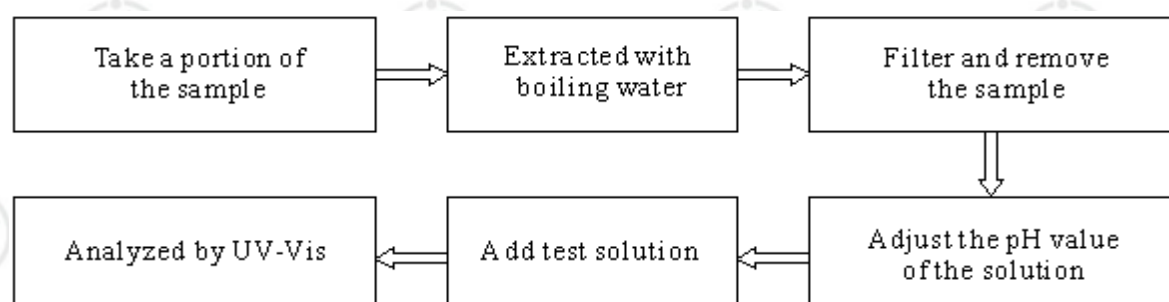
1. Lead (Pb), Cadmium (Cd)



2. Mercury (Hg)



3. Hexavalent Chromium(Cr(VI))



Test Report

Report No. ECL03H003595004

Page 3 of 3

Photo(s) of the sample(s)



*** End of report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.