

检测报告 Test Report

报告编号 :RLSZB000396660003
Report No.:RLSZB000396660003

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申请单位 :创裕铜业(深圳)有限公司
Applicant :EXCEL PIONEER COPPER INDUSTRY(SHENZHEN)CO.LTD
地址 :深圳市宝安公明镇楼村第二工业区同富裕工业园9号一楼
Address :NO.2 INDUSTRIAL PARK, LOU VILLAGE GONGMING TOWN BAOAN
DISTRICT SHENZHEN CHINA

样品信息 Report on the submitted sample(s) said to be:

样品名称 Sample Name :镀锡铜线 TIN COATED COPPER WIRE
样品描述 :带有银色覆盖层的金属线
Sample Description :Metal wire with silver color plating
样品接收日期 :2009.12.05
Sample Received Date :Dec. 5, 2009
样品检测日期 :2009.12.05 -2009.12.08
Testing Period :Dec. 5, 2009 to Dec. 8, 2009

检测要求 :1.根据客户要求,测定所提交样品中的铅、镉、汞、多溴联苯和多溴二苯醚的含量,该样品为整体测试。
2.根据客户要求,测定所提交样品镀层中的六价铬(Cr(VI))的含量。


Test Requested 1.As specified by client, to determine the Lead, Cadmium, Mercury, PBBs&PBDEs content in the submitted sample and it was tested as a whole.
2.As specified by client, to determine the Hexavalent Chromium(Cr(VI)) content in the plating layer of submitted sample.

检测依据/检测结果: 请参见下页。

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

主 检: 
Tested by
签 发:
Approved by

技术经理
Technical Manager

审 核: 
Inspected by
签发日期: 2009.12.08
Date Dec. 8, 2009

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检测依据 Test Method:

测试项目 Tested Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)	方法检测限 MDL
铅 Lead (Pb)	IEC 62321:2008 Ed.1 Sec.9	ICP-OES	2 mg/kg
镉 Cadmium (Cd)	IEC 62321:2008 Ed.1 Sec.9	ICP-OES	2 mg/kg
汞 Mercury (Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2 mg/kg
六价铬 Hexavalent Chromium (Cr(VI))	IEC 62321:2008 Ed.1 Annex B	UV-Vis	/
多溴联苯 Polybrominated Biphenyls (PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg

检测结果 Test Result(s):

测试项目 Tested Item(s)	含量 Content
铅 Lead (Pb)	N.D.
镉 Cadmium (Cd)	N.D.
汞 Mercury (Hg)	N.D.
六价铬 Hexavalent Chromium (Cr(VI))	N.D.*

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检测结果 Test Result(s):

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测试项目 Tested Item(s)	含量 Content
多溴联苯 Polybrominated Biphenyls(PBBs)	
一溴联苯 Monobromobiphenyl	N.D.
二溴联苯 Dibromobiphenyl	N.D.
三溴联苯 Tribromobiphenyl	N.D.
四溴联苯 Tetrabromobiphenyl	N.D.
五溴联苯 Pentabromobiphenyl	N.D.
六溴联苯 Hexabromobiphenyl	N.D.
七溴联苯 Heptabromobiphenyl	N.D.
八溴联苯 Octabromobiphenyl	N.D.
九溴联苯 Nonabromobiphenyl	N.D.
十溴联苯 Decabromobiphenyl	N.D.
多溴二苯醚 Polybrominated Diphenyl Ethers(PBDEs)	
一溴二苯醚 Monobromodiphenyl ether	N.D.
二溴二苯醚 Dibromodiphenyl ether	N.D.
三溴二苯醚 Tribromodiphenyl ether	N.D.
四溴二苯醚 Tetrabromodiphenyl ether	N.D.
五溴二苯醚 Pentabromodiphenyl ether	N.D.
六溴二苯醚 Hexabromodiphenyl ether	N.D.
七溴二苯醚 Heptabromodiphenyl ether	N.D.
八溴二苯醚 Octabromodiphenyl ether	N.D.
九溴二苯醚 Nonabromodiphenyl ether	N.D.
十溴二苯醚 Decabromodiphenyl ether	N.D.

注释: -N.D. = 未检出 (小于方法检测限)

-mg/kg = ppm = 百万分之几

Note: -MDL = Method Detection Limit

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

-mg/kg = ppm = parts per million

备注: -N.D.* = 未检出 (由表面积为 50cm² 的样品所萃取出来的溶液中的六价铬的浓度小于 0.02 mg/kg)

Remark: -N.D.* = Not Detected (The concentration of detected Cr(VI) in the boiling-water-extraction solution is less than 0.02 mg/kg with 50cm² sample surface area used)

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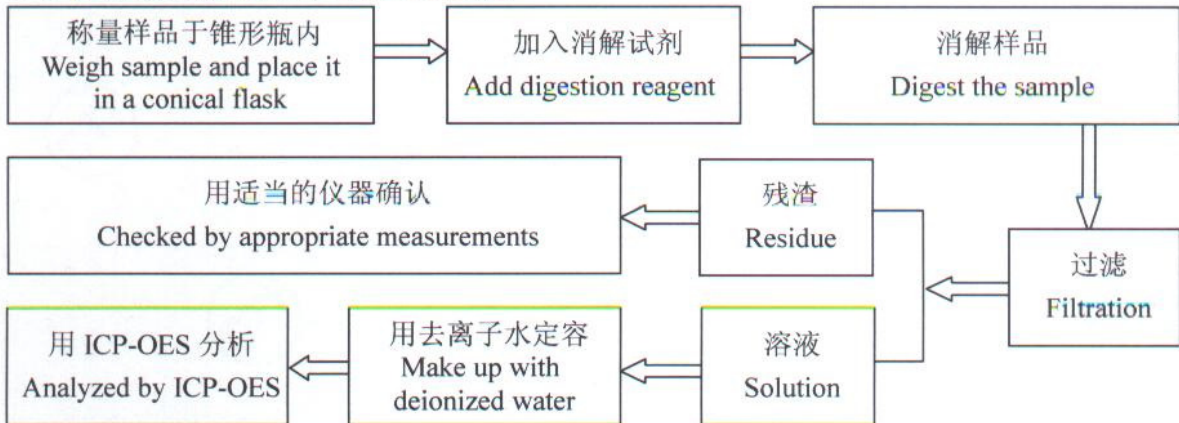
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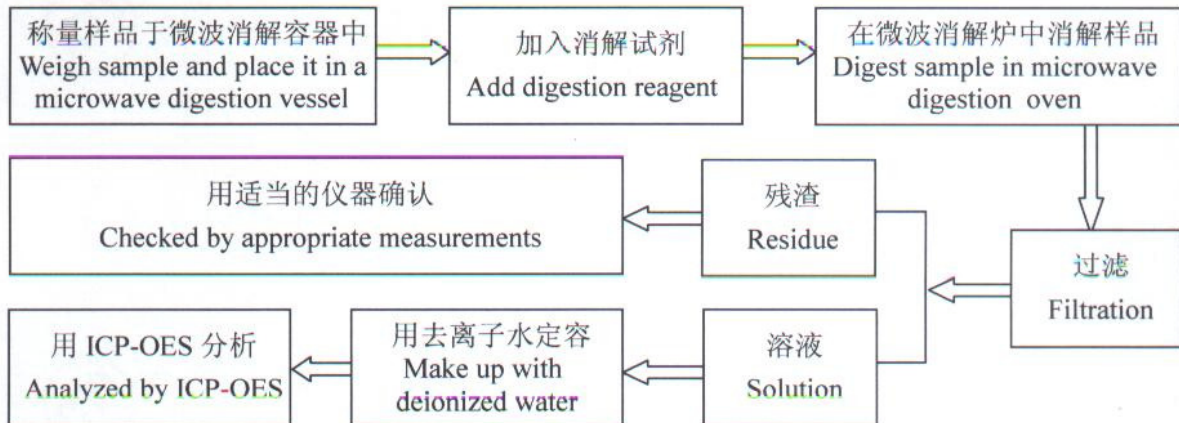
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检测流程 Test Process:

1. 测定铅/镉含量 Test for Pb/Cd Content



2. 测定汞含量 Test for Hg Content



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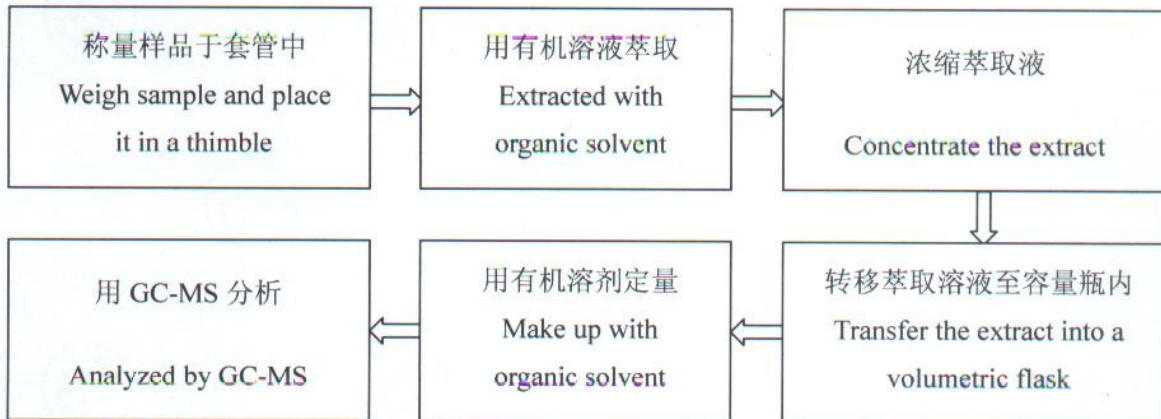
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3. 测定六价铬含量 Test for Chromium(VI) Content



4. 测定多溴联苯/多溴二苯醚含量 Test for PBBs/PBDEs Content



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样品图片

Photo(s) of the sample(s)



*** 报告结束 ***

*** End of report ***

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