测试报告(Test Report)

报告编号(Report No.) : AGC10379200501-006 日期(Date): 2020/05/14 页码(Page):1/ 7

申请单位:	安平县辉瑞丝网制造厂
Applicant:	Anping County Huirui Wire Mesh Factory
单位地址:	河北省安平县大何庄乡东羽林村东 100 米处
Address:	100 meters of Dongyulin, Dahezhuang Countryside, Anping County, Hebei Province
测试地址:	广东省深圳市宝安区航城街道三围社区三围茶西工业区 2 栋 1、6 层，518012
Test site:	1,6/F.,Building 2,Sanwei Chaxi Industrial Park,Sanwei Community,Hangcheng Street,Baoan Distrist,Shenzhen,Guangdong,China

样品信息:

样品名称(Sample Name):	铜网（Copper mesh）
制造商(Manufacturer):	AnpingLilian Sieve Manufacturing Co. Ld..
地址(Address):	100 meters of Dongyulin, Dahezhuang Countryside, Anping County, Hebei Province
收样日期(Sample Received Date):	2020/05/11
测试周期(Testing Period):	2020/05/11-2020/05/14

测试要求(Test Requested):

根据客户要求，依据欧盟议会和欧盟理事会第 2011/65/EU(RoHS)号指令及修正案(EU) 2015/863 的要求对送检样品中铅、镉、汞、六价铬的含量进行判定。

As specified by client, to determine the Pb, Cd, Hg, Cr^{6+} content in the submitted sample in accordance with Directive 2011/65/EU (RoHS) and its amendment directive (EU) 2015/863.

结论(Conclusion):

合格(Pass)

Approved by:

签发：梁丹(Jessie.Liang)

技术总监(Technical Director)

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测试报告(Test Report)

测试结果(Test Result):
(测试方法/仪器/方法检出限及限值：见附件)
(Test Method/ Instrument/ MDL and Limit: See Appendix)

序号 No.	测试结果 Test result(mg/kg)				结论 Conclusion
	Pb	Cd	Hg	Cr^{6+}	
2	13	N.D.	N.D.	N.D.	符合 Conformity

注释 Note:

mg/kg =毫克每千克 (milligram per kilogram)

μg/cm^2 =微克每平方厘米 (microgram per square centimeter)

N.D.= 未检出（小于方法检出限）(Not Detected (less than method detection limit))

N/A=不适用 (Not applicable)

MDL =方法检出限 Method Detection Limit

备注 Remark:

- Boiling-water-extraction 沸水提取：（X represents the results of the tested sample / X 为待测样品结果）

Number 序号	Colorimetric result (Cr(VI) concentration) 比色结果(铬(VI)浓度)	Judgement 判定
1	X＜0.1μg/cm^2	Negative 阴性
2	0.1μg/cm^2≤X≤0.13μg/cm^2	Uncertainty 不确定
3	X＞0.13μg/cm^2	Positive 阳性

- Negative indicates the absence of Cr(Ⅵ) on the tested areas concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating. 阴性表明测试区域内六价铬含量低于定量极限，认定镀层不存在六价铬；
  Uncertainty indicates the absence of Cr(Ⅵ) on the tested areas unavoidable coating variations may influence the determination. 不确定表明测试区域镀层六价铬的不可避免的变化影响结果判定，导致无法判定结果；
  Positive indicates the presence of Cr(Ⅵ) on the tested areas concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI). 阳性表明测试区域内六价铬含量高于于定量极限，认定镀层含有六价铬；
  Storage conditions and production date of the tested sample are unavailable and thus result of Cr(VI) represent status of the sample at the time of testing.由于未获知样品的存储条件和生产日期、样品的六价铬测试结果仅代表测试时样品的状态。

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测试报告(Test Report)

样品描述(Sample Description)

2	铜网/Copper mesh

附件 Appendix:

测试项目 Test Item	测试方法/仪器 Test Method/ Instrument	方法检测限 MDL	限值 Limit
铅 Lead (Pb)	IEC 62321-5:2013/ICP-OES	10mg/kg	≤1000mg/kg
镉 Cadmium (Cd)	IEC 62321-5:2013/ ICP-OES	10mg/kg	≤100mg/kg
汞 Mercury (Hg)	IEC 62321-4: 2013+A1:2017/ ICP-OES	10mg/kg	≤1000mg/kg
非金属：六价铬 (Cr^{6+}) Non-metal Hexavalent Chromium (Cr^{6+})	IEC 62321-7-2:2017/ UV-Vis	8mg/kg	≤1000mg/kg
金属：六价铬 (Cr^{6+}) Metal Hexavalent Chromium (Cr^{6+})	IEC 62321-7-1:2015/ UV-Vis	0.1μg/cm^2	/
多溴联苯(PBBs) Polybrominated Biphenyls (PBBs) - 一溴联苯(MonoBB) -Monobromobiphenyl (MonoBB) - 二溴联苯(DiBB) -Dibromobiphenyl (DiBB) - 三溴联苯(TriBB) -Tribromobiphenyl (TriBB) - 四溴联苯(TetraBB) -Tetrabromobiphenyl (TetraBB) - 五溴联苯(PentaBB) -Pentabromobiphenyl (PentaBB) - 六溴联苯(HexaBB) -Hexabromobiphenyl (HexaBB) - 七溴联苯(HeptaBB) -Heptabromobiphenyl (HeptaBB) - 八溴联苯(OctaBB) -Octabromobiphenyl (OctaBB) - 九溴联苯(NonaBB) -Nonabromodiphenyl (NonaBB) - 十溴联苯(DecaBB) -Decabromodiphenyl (DecaBB)	IEC 62321-6:2015/ GC-MS	单项 Single 5mg/kg	总和 Sum ≤1000mg/kg

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测试项目 Test Item	测试方法/仪器 Test Method/ Instrument	方法检测限 MDL	限值 Limit
多溴二苯醚 (PBDEs) PolybrominatedDiphenylethers (PBDEs) - 一溴二苯醚(MonoBDE) -Monobromodiphenyl ether (MonoBDE) - 二溴二苯醚(DiBDE) -Dibromodiphenyl ether (DiBDE) - 三溴二苯醚(TriBDE) -Tribromodiphenyl ether (TriBDE) - 四溴二苯醚(TetraBDE) -Tetrabromodiphenyl ether (TetraBDE) - 五溴二苯醚(PentaBDE) -Pentabromodiphenyl ether (PentaBDE) - 六溴二苯醚(HexaBDE) -Hexabromodiphenyl ether (HexaBDE) - 七溴二苯醚(HeptaBDE) -Heptabromodiphenyl ether (HeptaBDE) - 八溴二苯醚(OctaBDE) -Octabromodiphenyl ether (OctaBDE) - 九溴二苯醚(NonaBDE) -Nonabromodiphenyl ether (NonaBDE) - 十溴二苯醚(DecaBDE) -Decabromodiphenyl ether (DecaBDE)	IEC 62321-6:2015/ GC-MS	单项 Single 5mg/kg	总和 Sum ≤1000mg/kg
邻苯二甲酸二异丁酯(DIBP) Di-iso-butyl phthalate (DIBP)	IEC 62321-8:2017/ GC-MS	50mg/kg	≤1000mg/kg
邻苯二甲酸二正丁酯(DBP) Dibutyl phthalate (DBP)		50mg/kg	≤1000mg/kg
邻苯二甲酸丁苄酯(BBP) Butylbenzyl phthalate (BBP)		50mg/kg	≤1000mg/kg
邻苯二甲酸二(2-乙基己基)酯(DEHP) Di-(2-ethylhexyl) Phthalate (DEHP)		50mg/kg	≤1000mg/kg

注释 Note:

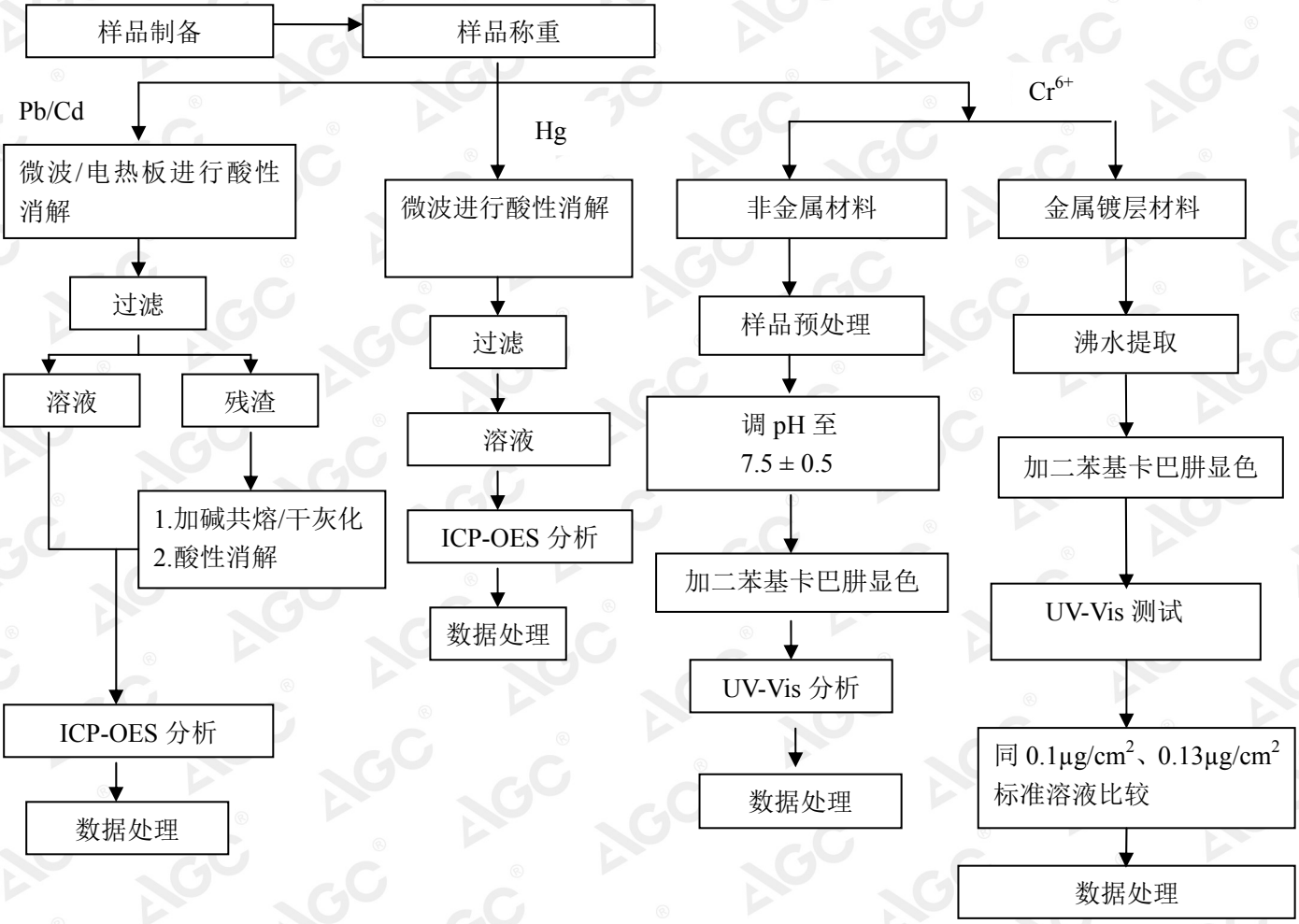
“≤” =小于等于 Less than or equal to

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测试流程图 (Test Flow Chart)

1. 铅、镉、汞、六价铬的测试流程图



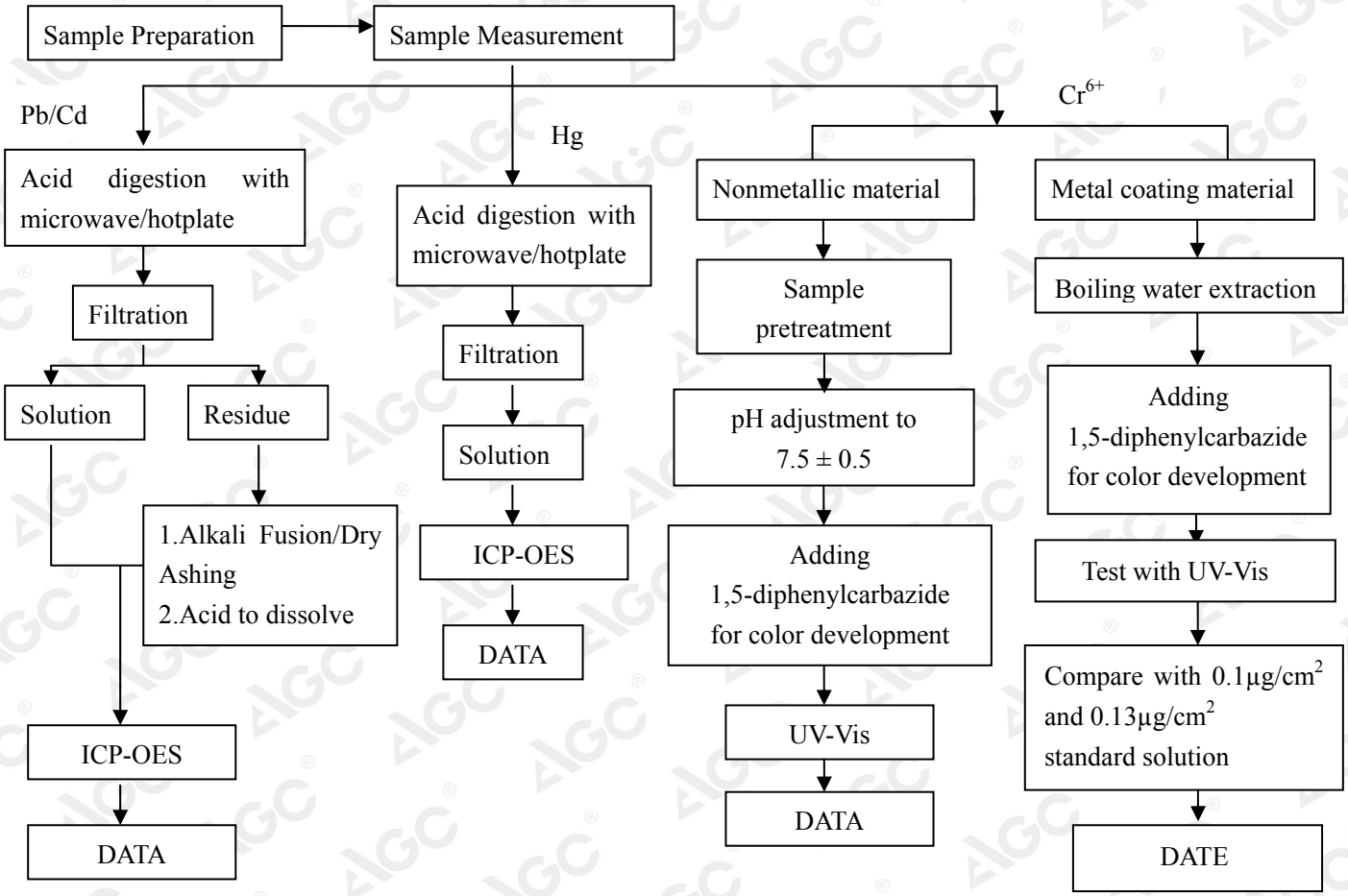
根据以上的流程图之条件，样品已经完全溶解（六价铬测试方法除外）。

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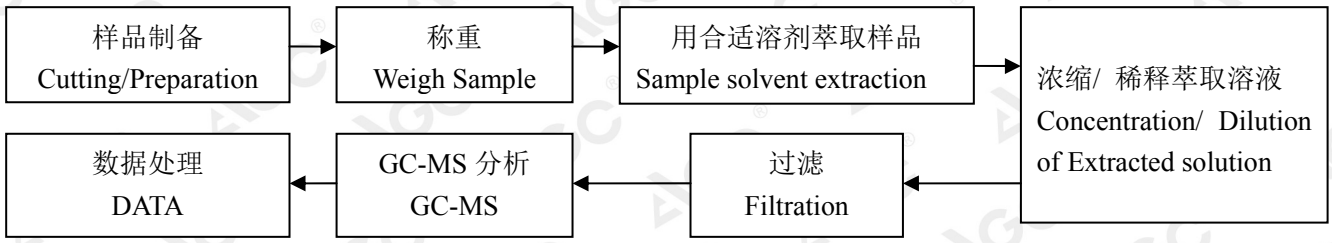
测试报告(Test Report)

1.ForPb , Cd, Hg, Cr^{6+}



These sample were dissolved totally by pre-conditioning method according to above flow chart (Cr^{6+} test method excluded)

2. PBBs, PBDEs, DBP, BBP, DEHP 和DIBP的测试流程图(The Test Flow Chart of PBBs, PBDEs,DBP, BBP, DEHP and DIBP)



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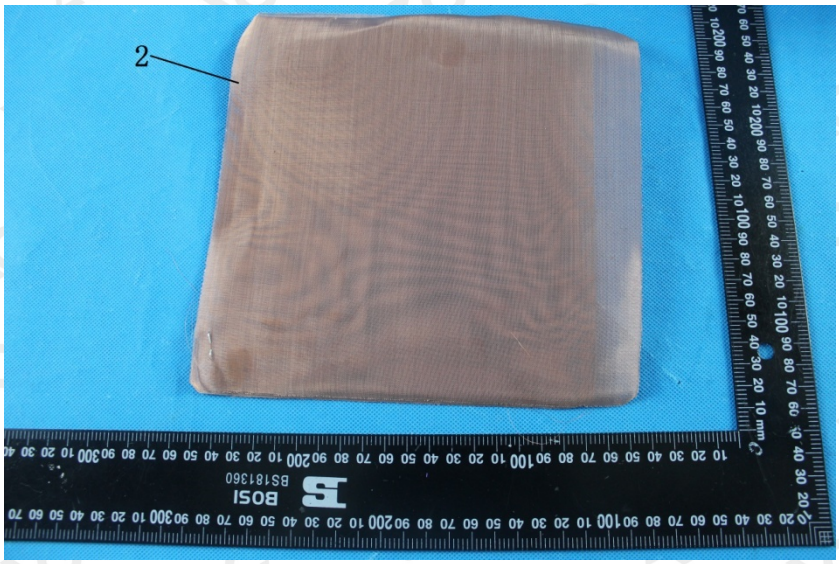
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测试报告(Test Report)

根据客户要求，增加此份报告，其结果引用自报告 AGC10379200501-002

As client's request, add this report that the results are copied from report No.: AGC10379200501-002.

样品附图(The photo of the sample)



AGC10379200501-006

此图片仅限于随 AGC 正本报告使用

AGC authenticate the photo on original report only

报告结束

*** End of Report***

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