

测试报告

No. GZ1103030075/CHEM

日期: 2011 年 3 月 24 日

第1页, 共13页

东莞市承兴电子有限公司
广东省东莞市长安镇沙头南区新沙工业区

以下测试之样品是由申请者所提供及确认: 铝电解电容

SGS 工作编号 : SZ13011959
SGS 内部编号 : 3.3
样品接收日期 : 2011 年 3 月 21 日
测试周期 : 2011 年 3 月 21 日 - 2011 年 3 月 24 日

测试要求 : 根据客户要求测试

测试方法 : 请参见下一页

测试结果 : 请参见下一页

测试结论 : 基于所送样品进行的测试, 测试结果与欧盟 RoHS 指令 2002/95/EC 以及后续修正指令的要求相符。

通标标准技术服务有限公司
授权签名



Manson Yang 杨跃飞
批准签署人

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



138 Kuzhu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510863 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510863 | (86-20) 82155555 | (86-20) 82075125 | sgs.china@sgs.com

Member of the SGS Group (SGS SA)

测试报告

No. GZ1103030075/CHEM

日期: 2011 年 3 月 24 日

第2页, 共13页

测试结果:

样本 1 描述: 带白色印字的黑色塑料片(成品)

RoHS 指令 2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	100
铅 (Pb)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
汞 (Hg)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
碱性溶液萃取测六价铬 (CrVI)	mg/kg	IEC 62321: 2008, UV-Vis	N.D.	2	1000
多溴联苯(PBBs)之和	mg/kg	-	N.D.	-	1000
单溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
二溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
三溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
四溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
五溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
六溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
七溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
八溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
九溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
十溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
多溴二苯醚(PBDEs)之和	mg/kg	-	N.D.	-	1000
单溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
二溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
三溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
四溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
五溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
六溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
七溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
八溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
九溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
十溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	

注释:

1. mg/kg = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. "-" = 未规定
5. 多溴二苯醚 = 多溴联苯醚

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



138 Kuzhu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 | (86-20) 82155555 | (86-20) 82075125 | sgs.china@sgs.com

Member of the SGS Group (SGS SA)

测试报告

No. GZ1103030075/CHEM

日期: 2011 年 3 月 24 日

第3页, 共13页

样本 2 描述: 黑色橡胶盖(成品)

RoHS 指令 2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	100
铅 (Pb)	mg/kg	IEC 62321: 2008, ICP-OES	24	2	1000
汞 (Hg)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
碱性溶液萃取测六价铬 (CrVI)	mg/kg	IEC 62321: 2008, UV-Vis	N.D.	2	1000
多溴联苯(PBBs)之和	mg/kg	-	N.D.	-	1000
单溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
二溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
三溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
四溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
五溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
六溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
七溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
八溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
九溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
十溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
多溴二苯醚(PBDEs)之和	mg/kg	-	N.D.	-	1000
单溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
二溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
三溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
四溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
五溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
六溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
七溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
八溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
九溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
十溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	

注释:

1. mg/kg = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. "-" = 未规定
5. 多溴二苯醚 = 多溴联苯醚

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



138 Kuzhu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510863 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510863 | (86-20) 82155555 | (86-20) 82075125 | e: sgs.china@sgs.com

Member of the SGS Group (SGS SA)

测试报告

No. GZ1103030075/CHEM

日期: 2011 年 3 月 24 日

第4页, 共13页

样本 3 描述: 浅黄色透明液体(半成品)

RoHS 指令 2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	100
铅 (Pb)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
汞 (Hg)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
碱性溶液萃取测六价铬 (CrVI)	mg/kg	IEC 62321: 2008, UV-Vis	N.D.	2	1000
多溴联苯(PBBs)之和	mg/kg	-	N.D.	-	1000
单溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
二溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
三溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
四溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
五溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
六溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
七溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
八溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
九溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
十溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
多溴二苯醚(PBDEs)之和	mg/kg	-	N.D.	-	1000
单溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
二溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
三溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
四溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
五溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
六溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
七溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
八溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
九溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
十溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	

注释:

1. mg/kg = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. "-" = 未规定
5. 多溴二苯醚 = 多溴联苯醚
6. 所示结果为湿样品总重量中的含量。

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



138 Kuzhu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 | (86-20) 82155555 | (86-20) 82075125 | sgs.china@sgs.com

Member of the SGS Group (SGS SA)

样本 4 描述: 带液体的棕色纸片(成品)

RoHS 指令 2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	100
铅 (Pb)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
汞 (Hg)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
碱性溶液萃取测六价铬 (CrVI)	mg/kg	IEC 62321: 2008, UV-Vis	N.D.	2	1000
多溴联苯(PBBs)之和	mg/kg	-	N.D.	-	1000
单溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
二溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
三溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
四溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
五溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
六溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
七溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
八溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
九溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
十溴联苯	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
多溴二苯醚(PBDEs)之和	mg/kg	-	N.D.	-	1000
单溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
二溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
三溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
四溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
五溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
六溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
七溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
八溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
九溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	
十溴二苯醚	mg/kg	IEC 62321: 2008, GC-MS	N.D.	5	

注释:

1. mg/kg = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. "-" = 未规定
5. 多溴二苯醚 = 多溴联苯醚

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



138 Kuzhu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 | (86-20) 82155555 | (86-20) 82075125 | e: sgs.china@sgs.com

Member of the SGS Group (SGS SA)

测试报告

No. GZ1103030075/CHEM

日期: 2011 年 3 月 24 日

第6页, 共13页

样本 5 描述: 银色金属片(成品)

RoHS 指令 2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	100
铅 (Pb)	mg/kg	IEC 62321: 2008, ICP-OES	10	2	1000
汞 (Hg)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
沸水萃取法测六价铬 (CrVI)	-	IEC 62321: 2008, UV-Vis	Negative	◇	#

注释:

1. mg/kg = ppm

2. N.D. = 未检出 (< MDL)

3. MDL = 方法检测限

4. ◇ = 点测试:

Negative = 未检测到六价铬, Positive = 检测到;

(如果点测试结果为 Negative 或不能确认, 测试样品需进一步由沸水萃取法进行测试。)

沸水萃取法:

Negative = 未检测到六价铬

Positive = 检测到六价铬; 每 50cm² 表面积的被测试样品的沸水萃取液中六价铬的浓度等于或大于 0.02mg/kg。

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能代表测试时样品含六价铬的状态。

5. # = Positive = 阳性

Negative = 阴性

6. "-" = 未规定

样本 6 描述: 灰色箔(成品)

RoHS 指令 2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	100
铅 (Pb)	mg/kg	IEC 62321: 2008, ICP-OES	6	2	1000
汞 (Hg)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
沸水萃取法测六价铬 (CrVI)	-	IEC 62321: 2008, UV-Vis	Negative	◇	#

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



133 Kuzhu Road, Sointech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 | (86-20) 82155555 | (86-20) 82075125 | e: sgs.china@sgs.com

Member of the SGS Group (SGS SA)

测试报告

No. GZ1103030075/CHEM

日期: 2011 年 3 月 24 日

第7页, 共13页

注释:

1. mg/kg = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. ◇ = 点测试:

Negative = 未检测到六价铬, Positive = 检测到;

(如果点测试结果为 Negative 或不能确认, 测试样品需进一步由沸水萃取法进行测试。)

沸水萃取法:

Negative = 未检测到六价铬

Positive = 检测到六价铬; 每 50cm² 表面积的被测试样品的沸水萃取液中六价铬的浓度等于或大于 0.02mg/kg。

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能代表测试时样品含六价铬的状态。

5. # = Positive = 阳性

Negative = 阴性

6. "-" = 未规定

样本 7 描述: 银色金属片(半成品)

RoHS 指令 2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	100
铅 (Pb)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
汞 (Hg)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
沸水萃取法测六价铬 (CrVI)	-	IEC 62321: 2008, UV-Vis	Negative	◇	#

注释:

1. mg/kg = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. ◇ = 点测试:

Negative = 未检测到六价铬, Positive = 检测到;

(如果点测试结果为 Negative 或不能确认, 测试样品需进一步由沸水萃取法进行测试。)

沸水萃取法:

Negative = 未检测到六价铬

Positive = 检测到六价铬; 每 50cm² 表面积的被测试样品的沸水萃取液中六价铬的浓度等于或大于 0.02mg/kg。

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能代表测试时样品含六价铬的状态。

5. # = Positive = 阳性

Negative = 阴性

6. "-" = 未规定

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



SGS Testing Services Co., Ltd.
Guangzhou Environmental Chemical Laboratory

138 Kuzhu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510863
中国·广州·经济技术开发区科学城科珠路138号

510863 | (86-20) 82155555 | (86-20) 82075125 | (86-20) 82075125
邮编: 510863 | (86-20) 82155555 | (86-20) 82075125 | (86-20) 82075125

www.cn.sgs.com

sgs.china@sgs.com

Member of the SGS Group (SGS SA)

样本 8 描述: 银色金属脚(半成品)

RoHS 指令 2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	100
铅 (Pb)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
汞 (Hg)	mg/kg	IEC 62321: 2008, ICP-OES	N.D.	2	1000
沸水萃取法测六价铬 (CrVI)	-	IEC 62321: 2008, UV-Vis	Negative	◇	#

注释:

1. mg/kg = ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. ◇ = 点测试:

Negative = 未检测到六价铬, Positive = 检测到;

(如果点测试结果为 Negative 或不能确认, 测试样品需进一步由沸水萃取法进行测试。)

沸水萃取法:

Negative = 未检测到六价铬

Positive = 检测到六价铬; 每 50cm² 表面积的被测试样品的沸水萃取液中六价铬的浓度等于或大于 0.02mg/kg。

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能代表测试时样品含六价铬的状态。

5. # = Positive = 阳性
Negative = 阴性
6. "-" = 未规定

备注: 本测试报告内容是参照报告编号为 GZ1103030074/CHEM 的中文译本, 中英文版本如有歧异, 概以英文版为准。

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



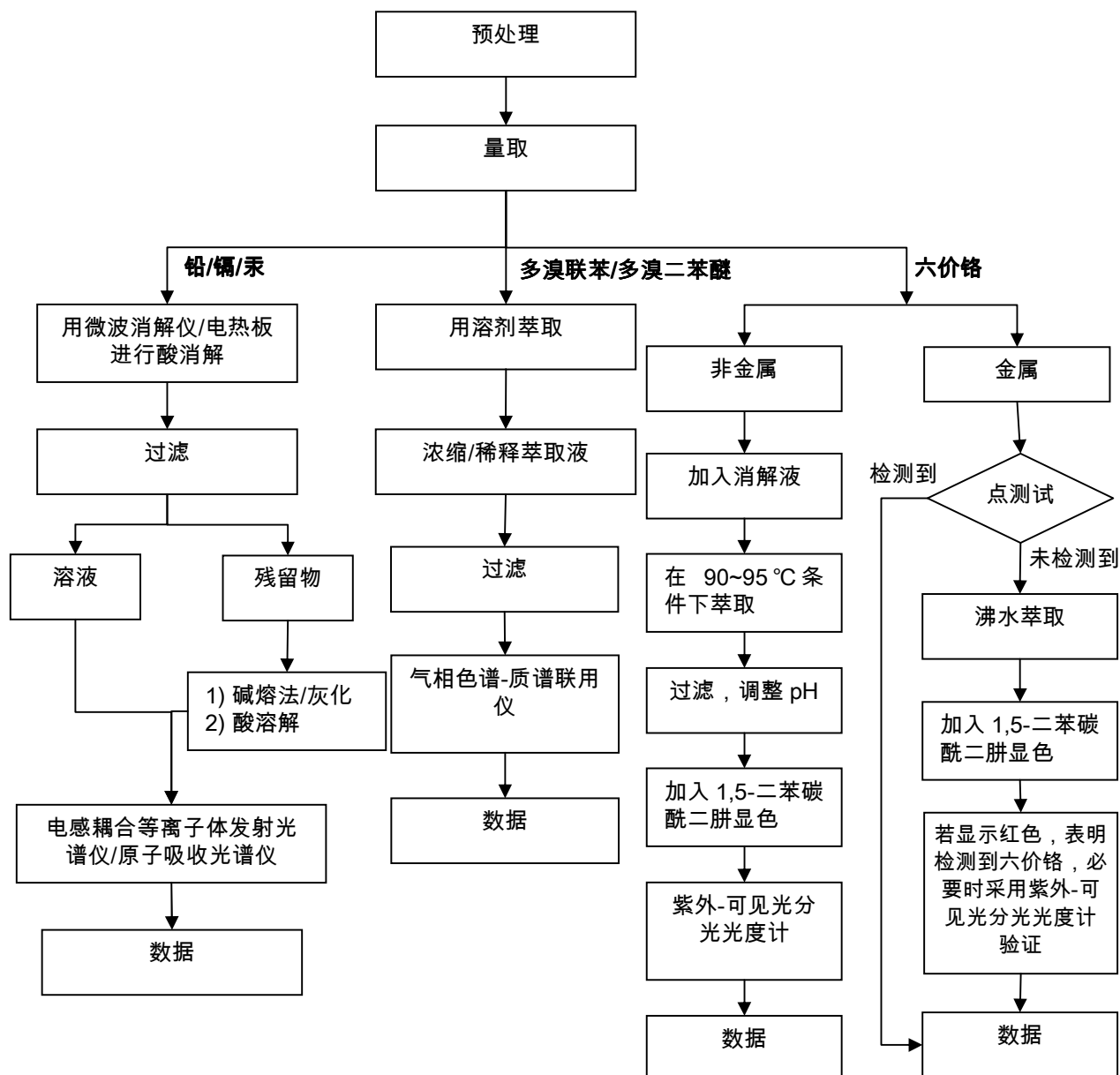
138 Kuzhu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510863 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510863 | (86-20) 82155555 | (86-20) 82075125 | e: sgs.china@sgs.com

Member of the SGS Group (SGS SA)

附件

RoHS 测试流程图

- 1) 分析人员: 汪丹 / 余晓璐 / 詹达琦
- 2) 项目负责人: 余奕东 / 杨伟兴
- 3) 样品按照下述流程被完全消解 (六价铬和多溴联苯/多溴二苯醚测试除外)。



This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



测试报告

No. GZ1103030075/CHEM

日期: 2011 年 3 月 24 日

第10页, 共13页

样品照片:



样本 1



样本 2

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

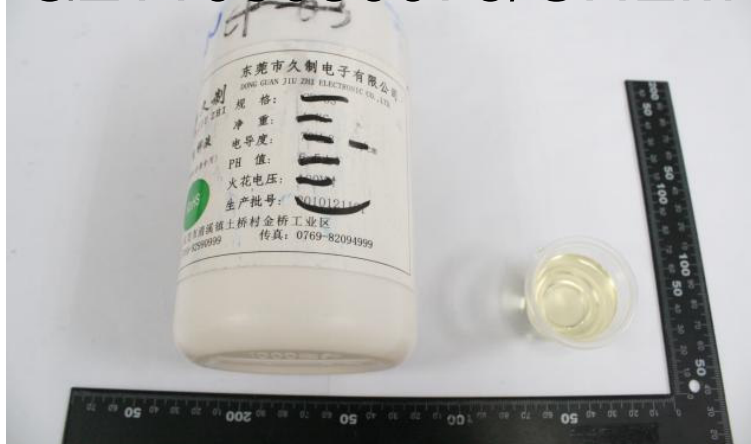
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



138 Kuzhu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 | (86-20) 82155555 | (86-20) 82075125 | sgs.china@sgs.com

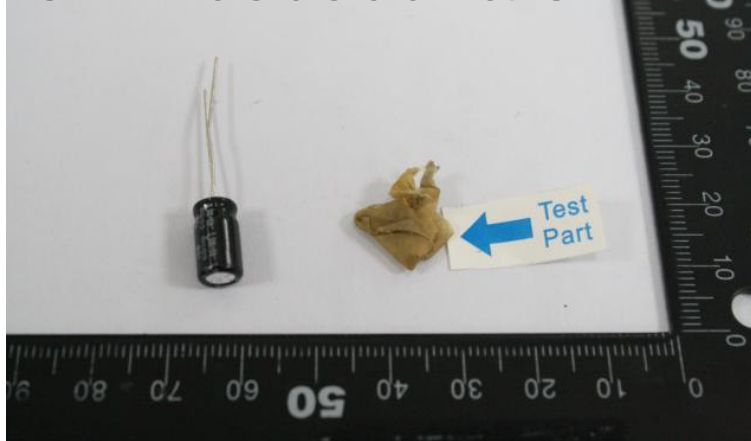
Member of the SGS Group (SGS SA)

GZ1103030075/CHEM



样本 3

GZ1103030075/CHEM



样本 4

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



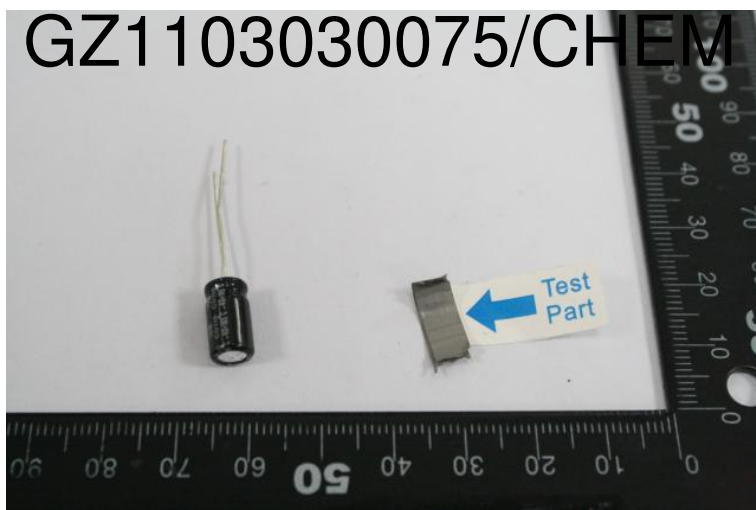
SGS Standards Technical Services Co., Ltd.
Guangzhou General Chemical Laboratory

138 Kuzhu Road, Sointech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 | (86-20) 82155555 | (86-20) 82075125 | e: sgs.china@sgs.com

Member of the SGS Group (SGS SA)



样本 5

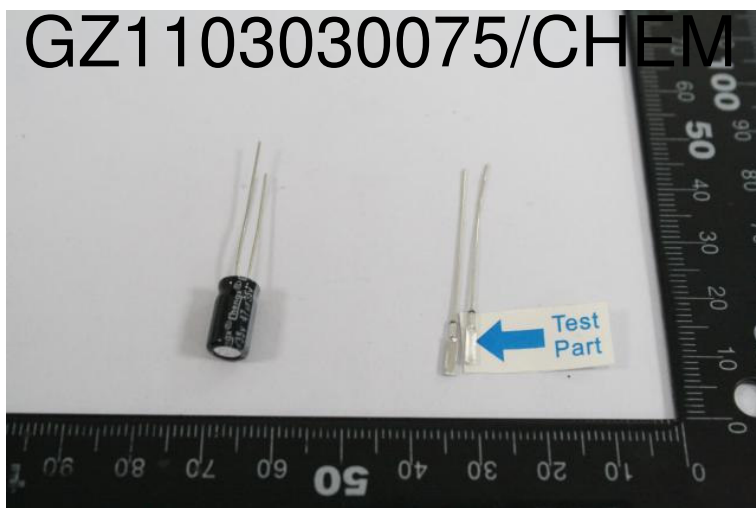


样本 6

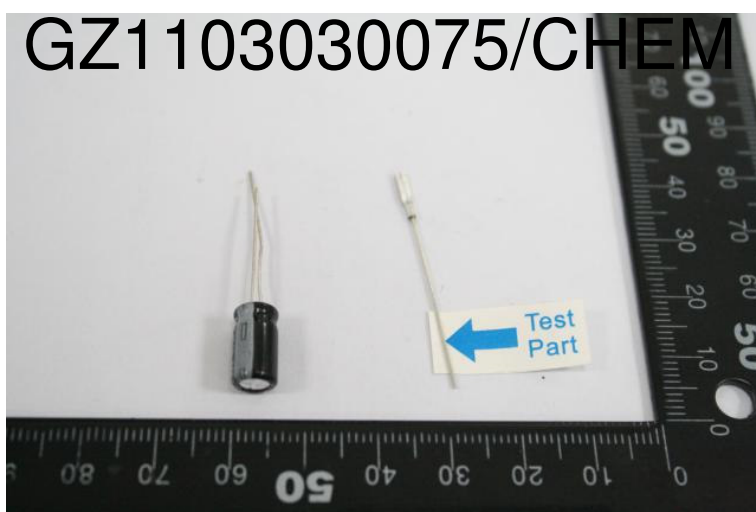
This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.





样本 7



样本 8

此图片仅限于随 SGS 正本报告使用

*** 报告完 ***

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



138 Kuzhu Road, Sointech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510863 | (86-20) 82155555 | (86-20) 82075125 | www.cn.sgs.com
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510863 | (86-20) 82155555 | (86-20) 82075125 | e: sgs.china@sgs.com

Member of the SGS Group (SGS SA)