

测试报告

No. SHAEC1715464206

日期: 2017年07月21日 第1页,共4页

镇江金石电镀有限公司

中国江苏省镇江新区镇澄路198号

以下测试之样品是由申请者所提供及确认: 电镀镍

SGS工作编号: SP17-025515 - SH

主要成分: 铜, 镍

样品接收日期: 2017年07月18日

测试周期: 2017年07月18日 - 2017年07月21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

结论: 基于所送样品的指定部位进行的测试, 镉、铅、汞、六价铬的测试结果符合欧盟RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863的限值要求。

通标标准技术服务(上海)有限公司
授权签名

Marry Ma 马广媛
批准签署人

本报告是编号为SHAEC1715464205报告的中文版本。



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein 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 exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. 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.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai, China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



测试报告

No. SHAEC1715464206

日期: 2017年07月21日 第2页,共4页

测试结果:

测试样品描述

样品编号	SGS样品ID	描述
SN1	SHA17-154642.003	银色镀层

备注:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863

- 测试方法:
- (1) 酸洗脱镀层, 参考IEC62321-5:2013, 用ICP-OES测定镉、铅的含量
 - (2) 酸洗脱镀层, 参考IEC62321-4:2013, 用ICP-OES测定汞的含量
 - (3) 参考IEC 62321-7-1:2015, 用紫外-可见分光光度计比色法测定六价格的含量

测试项目	限值	单位	MDL	003
镉(Cd)	100	mg/kg	10	ND
铅(Pb)	1000	mg/kg	10	54
汞(Hg)	1000	mg/kg	10	ND
六价格(Cr(VI)) [▼]	-	µg/cm ²	0.10	ND

备注:

- (1) 最大允许极限值引用自RoHS指令(EU) 2015/863。
IEC 62321 系列等同于 EN 62321 系列
http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25
- (2) ▼ = a. 当六价格的浓度高于0.13 µg/cm²时, 样品为阳性, 即含有六价格;
b. 当六价格的浓度为ND(低于0.10 µg/cm²)时, 样品为阴性, 即未检测到六价格;
c. 当六价格的浓度介于0.10 µg/cm²与0.13 µg/cm²之间时, 无法直接判定是否检测到六价格, 因不同个体的样品表面差异可能会影响测定结果;

由于未获知样品的存储条件和生产日期, 样品的六价格测试结果仅能代表测试时样品含六价格的状态。



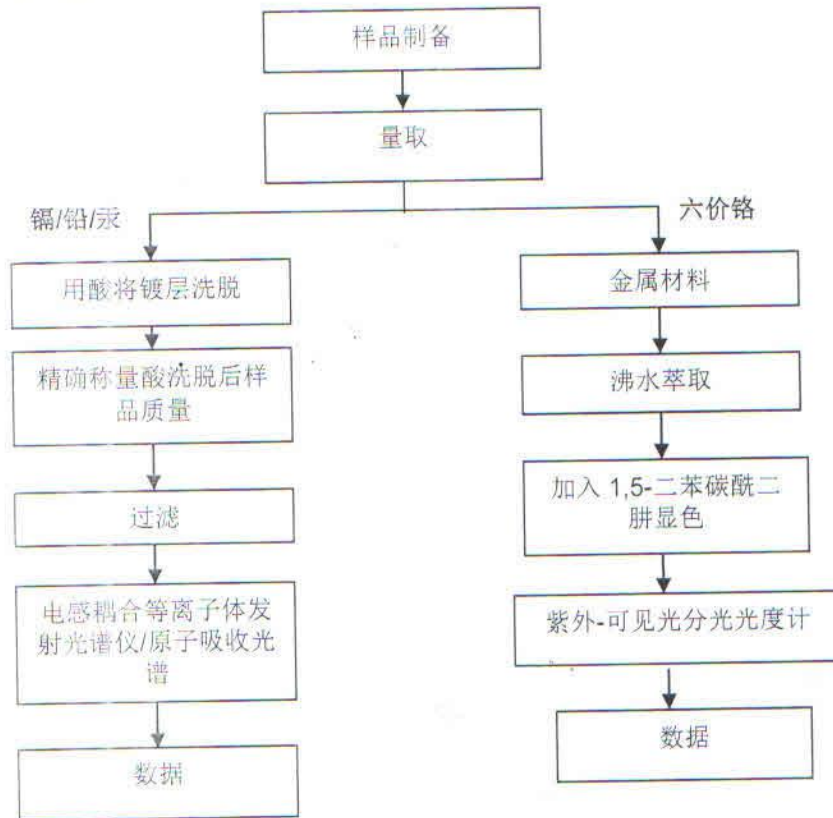
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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 a Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. 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.
Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Docheck@sgs.com

Building: No. 889 Yishan Road Xuhui District, Shanghai China 200233 | E&E (86-21) 61402553 | E&E (86-21) 64953679 | www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 | HL (86-21) 61402594 | HL (86-21) 61156899 | e.sgs.china@sgs.com

附件

镀层 Pb/Cd/Hg/Cr⁶⁺测试流程图

- 1) 分析人员: 宋珂静/陈玮卿
- 2) 项目负责人: 徐亮/王晓艳

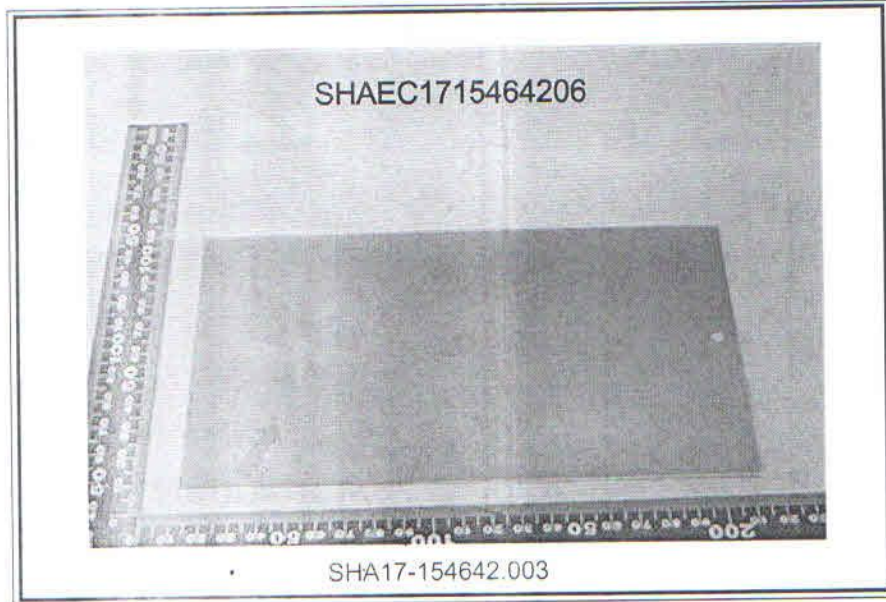


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/terms-and-conditions/Terms-e-Documents.aspx>. 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 a Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. 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.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889 Yis'an Road Xuhui District, Shanghai China 200233 | E&E (86-21) 61402553 | E&E (86-21) 64953679 | www.sgs.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 | HL (86-21) 61402594 | HL (86-21) 61156899 | e sgs.china@sgs.com

样品照片:



此照片仅限于随SGS 正本报告使用

*** 报告完 ***



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein 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 exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. 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.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: GH.Doccheck@sgs.com

SGS (China) Inspection & Testing Services Co., Ltd.
Testing Center (China) 10000000000

37 Building, No. 888 Yinan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路888号3号楼 邮编: 200233

f E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn
t HL (86-21) 61402594 t HL (86-21) 61156899 e sgs.china@sgs.com

