

## 检测报告

编号: SZXEC24003905408

日期: 2024 年 12 月 19 日

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客户名称: 深圳市灿科盟实业有限公司/江西灿科盟电子有限公司

客户地址: 深圳市光明新区楼村鲤鱼河工业区鑫博盛科技园 B 栋四楼 / 江西省九江市修水县渣津镇朴田工业园 2 号厂房

样品名称: 镀金端子

以上样品及信息由客户提供。

SGS 工作编号: SZP24-054537

样品接收时间: 2024 年 12 月 13 日

检测周期: 2024 年 12 月 13 日 ~ 2024 年 12 月 19 日

检测要求: 根据客户要求检测

检测方法: 见后续页。

检测结果: 见后续页。

| 检测要求                                                     | 结论 |
|----------------------------------------------------------|----|
| 欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉和六价铬 | 符合 |

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## 检测结果:

## 检测部件外观描述:

| 样品序号 | 样品编号 | SGS 样品 ID               | 样品描述     |
|------|------|-------------------------|----------|
| SN1  | A4   | SZX24-0039054-0001.C004 | 带金色镀层的金属 |

## 备注:

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

## 欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉和六价铬

检测方法: 参考 IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013 和 IEC 62321-7-1:2015, 采用 ICP-OES/AAS 和 UV-Vis 进行分析。

| 检测项目          | 限值   | 单位                 | MDL  | A4 |
|---------------|------|--------------------|------|----|
| 铅 (Pb)        | 1000 | mg/kg              | 2    | 43 |
| 汞 (Hg)        | 1000 | mg/kg              | 2    | ND |
| 镉 (Cd)        | 100  | mg/kg              | 2    | ND |
| 六价铬 (Cr(VI))▼ | -    | µg/cm <sup>2</sup> | 0.10 | ND |

## 备注:

- (1) 最大允许极限值引用自RoHS指令(EU) 2015/863。
- (2) IEC 62321系列等同于 EN 62321系列。
- (3) ▼ =
  - a. 当六价铬的浓度高于0.13 µg/cm<sup>2</sup>时, 样品为阳性, 即含有六价铬;
  - b. 当六价铬的浓度为ND (低于0.10 µg/cm<sup>2</sup>) 时, 样品为阴性, 即未检测到六价铬;
  - c. 当六价铬的浓度介于0.10 µg/cm<sup>2</sup>与0.13 µg/cm<sup>2</sup>之间时, 无法直接判定是否检测到六价铬, 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, 样品的六价铬检测结果仅能代表检测时样品含六价铬的状态。

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 ( $w=0$ ) 的二元判定规则进行符合性判定。

除非另有说明, 此报告结果仅对检测的样品负责。本报告未经本公司书面许可, 不可部分复制。

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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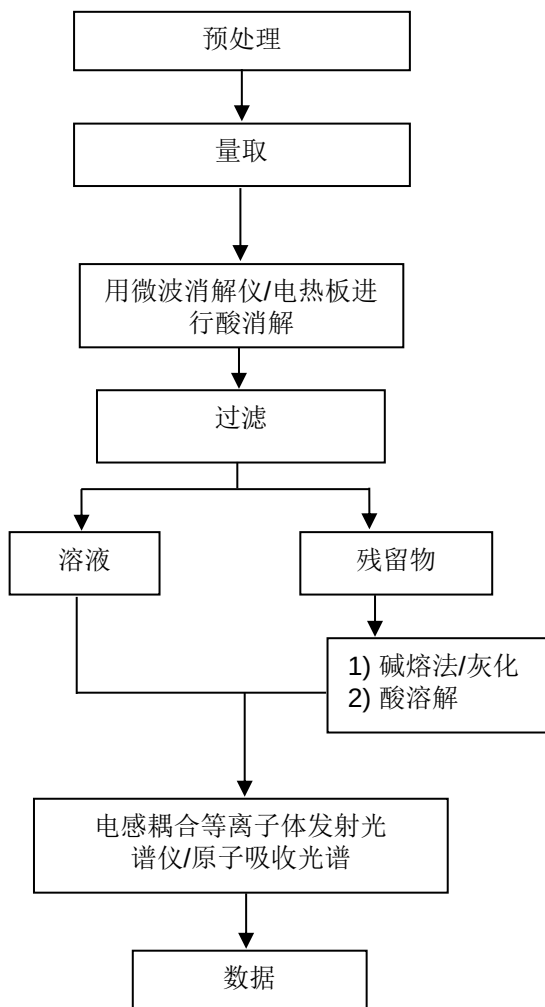
日期: 2024 年 12 月 19 日

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附件

## 元素检测流程图

样品按照下述流程被完全消解



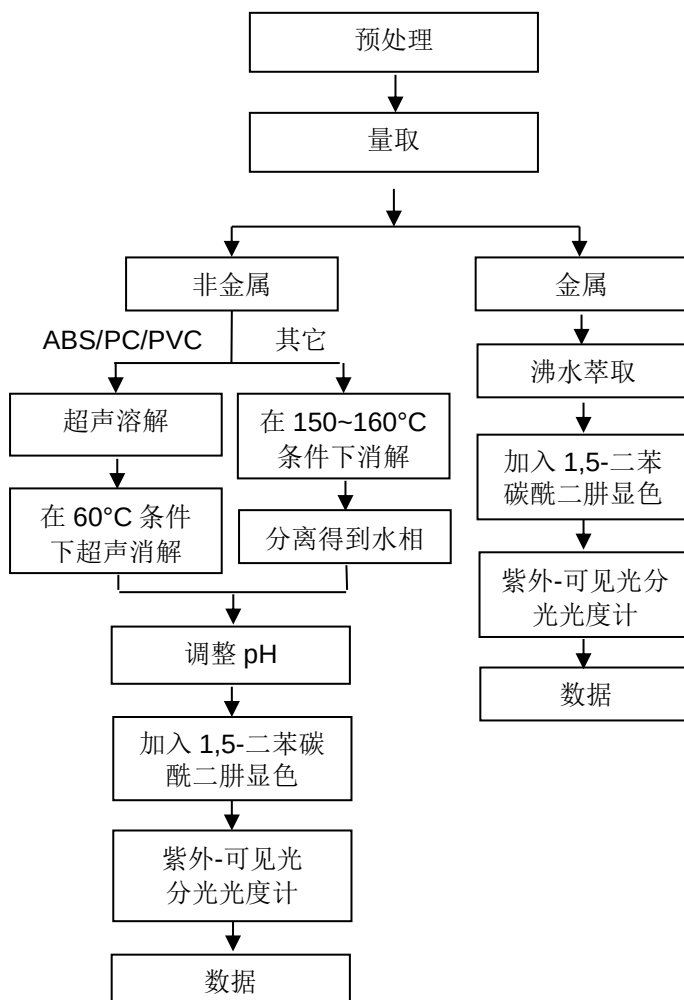
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## 六价铬检测流程图



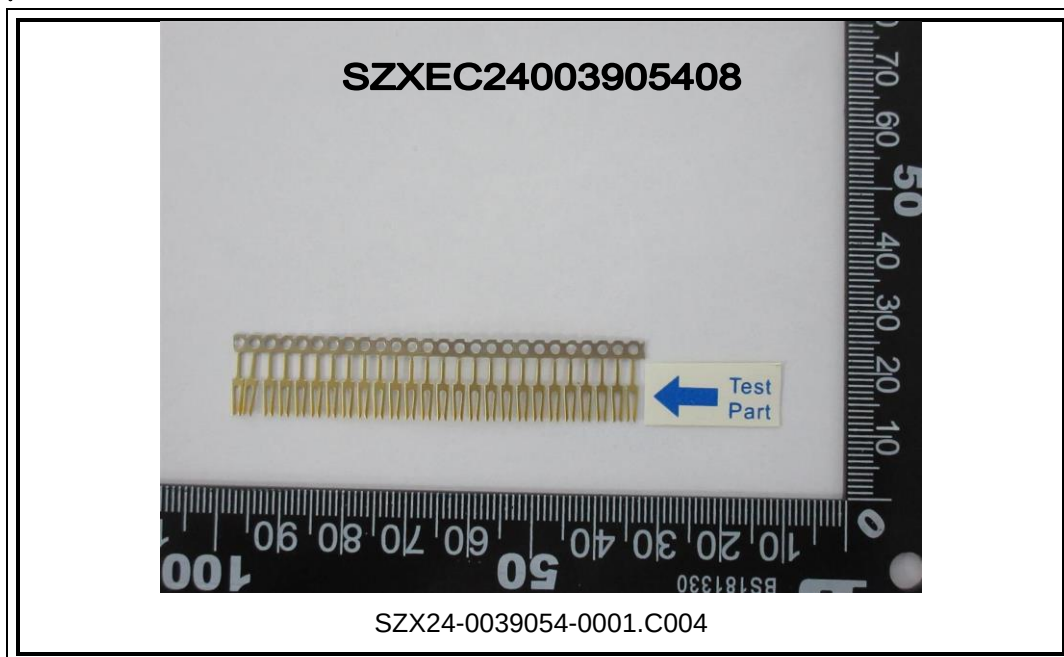
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样品照片:



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