

## 检测报告

编号: SHAEC22002818604

日期: 2022 年 10 月 27 日

第 1 页, 共 8 页

客户名称 : 浙江美声电气股份有限公司  
 客户地址 : 浙江省嘉兴市平湖市经济技术开发区七星路 118 号

样品名称 : M1530A  
 客户参考信息 : M1510A, M1515A, M1520A, M1525A, M1530A, M1535A, M1540A, M1550A, M1500A

以上样品及信息由客户提供。

SGS 工作编号 : SP22-024934  
 样品接收时间 : 2022 年 10 月 24 日  
 检测周期 : 2022 年 10 月 24 日 - 2022 年 10 月 27 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、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)、邻苯二甲酸二丁酯 (DBP)、邻苯二甲酸丁苄酯(BBP)、邻苯二甲酸二(2-乙基己基)酯(DEHP)和邻苯二甲酸二异丁酯(DIBP) | 符合 |

通标标准技术服务(上海)有限公司  
 授权签名

刘盈妹

Annie Liu 刘盈妹  
 批准签署人

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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  | A2   | SHA22-0028186-0001.C002 | 白色颗粒 |

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

**欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863- 铅、汞、镉、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)、邻苯二甲酸二丁酯 (DBP)、邻苯二甲酸丁苄酯(BBP)、邻苯二甲酸二(2-乙基己基)酯 (DEHP)和邻苯二甲酸二异丁酯(DIBP)**

检测方法: 参考 IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 和 IEC 62321-8:2017, 采用 ICP-OES, UV-Vis 和 GC-MS 进行分析。

| 检测项目            | 限值   | 单位    | MDL | A2 |
|-----------------|------|-------|-----|----|
| 镉 (Cd)          | 100  | mg/kg | 2   | ND |
| 铅 (Pb)          | 1000 | mg/kg | 2   | 7  |
| 汞 (Hg)          | 1000 | mg/kg | 2   | ND |
| 六价铬(Cr(VI))     | 1000 | mg/kg | 8   | ND |
| 多溴联苯之和(PBBs)    | 1000 | mg/kg | -   | ND |
| 一溴联苯(MonoBB)    | -    | mg/kg | 5   | ND |
| 二溴联苯(DiBB)      | -    | mg/kg | 5   | ND |
| 三溴联苯(TriBB)     | -    | mg/kg | 5   | ND |
| 四溴联苯(TetraBB)   | -    | mg/kg | 5   | ND |
| 五溴联苯(PentaBB)   | -    | mg/kg | 5   | ND |
| 六溴联苯(HexaBB)    | -    | mg/kg | 5   | ND |
| 七溴联苯(HeptaBB)   | -    | mg/kg | 5   | ND |
| 八溴联苯(OctaBB)    | -    | mg/kg | 5   | ND |
| 九溴联苯(NonaBB)    | -    | mg/kg | 5   | ND |
| 十溴联苯(DecaBB)    | -    | mg/kg | 5   | ND |
| 多溴二苯醚之和(PBDEs)  | 1000 | mg/kg | -   | ND |
| 一溴二苯醚(MonoBDE)  | -    | mg/kg | 5   | ND |
| 二溴二苯醚(DiBDE)    | -    | mg/kg | 5   | ND |
| 三溴二苯醚(TriBDE)   | -    | mg/kg | 5   | ND |
| 四溴二苯醚(TetraBDE) | -    | mg/kg | 5   | ND |
| 五溴二苯醚(PentaBDE) | -    | mg/kg | 5   | ND |
| 六溴二苯醚(HexaBDE)  | -    | mg/kg | 5   | ND |
| 七溴二苯醚(HeptaBDE) | -    | mg/kg | 5   | ND |
| 八溴二苯醚(OctaBDE)  | -    | mg/kg | 5   | ND |



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| 检测项目                   | 限值   | 单位    | MDL | A2 |
|------------------------|------|-------|-----|----|
| 九溴二苯醚(NonaBDE)         | -    | mg/kg | 5   | ND |
| 十溴二苯醚(DecaBDE)         | -    | mg/kg | 5   | ND |
| 邻苯二甲酸二丁酯 (DBP)         | 1000 | mg/kg | 50  | ND |
| 邻苯二甲酸丁苄酯 (BBP)         | 1000 | mg/kg | 50  | ND |
| 邻苯二甲酸二(2-乙基己基)酯 (DEHP) | 1000 | mg/kg | 50  | ND |
| 邻苯二甲酸二异丁酯 (DIBP)       | 1000 | mg/kg | 50  | 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

(2) 2021 年 7 月 22 号开始, DEHP, BBP, DBP 和 DIBP 的限制适用于医疗器械, 包括体外医疗器械, 监控仪表, 包括工业监测和控制仪器。

除非另有说明, 否则本检测报告中所示的检测结果仅对来样负责。本报告未经本公司书面许可, 不可部分复制。

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。 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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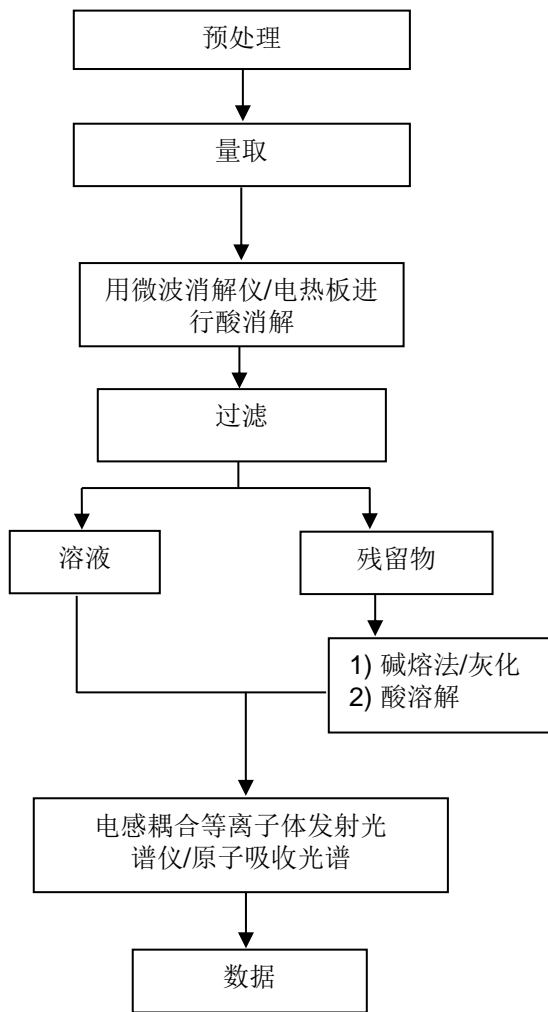
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### 元素(IEC62321) 检测流程图

样品按照下述流程被完全消解



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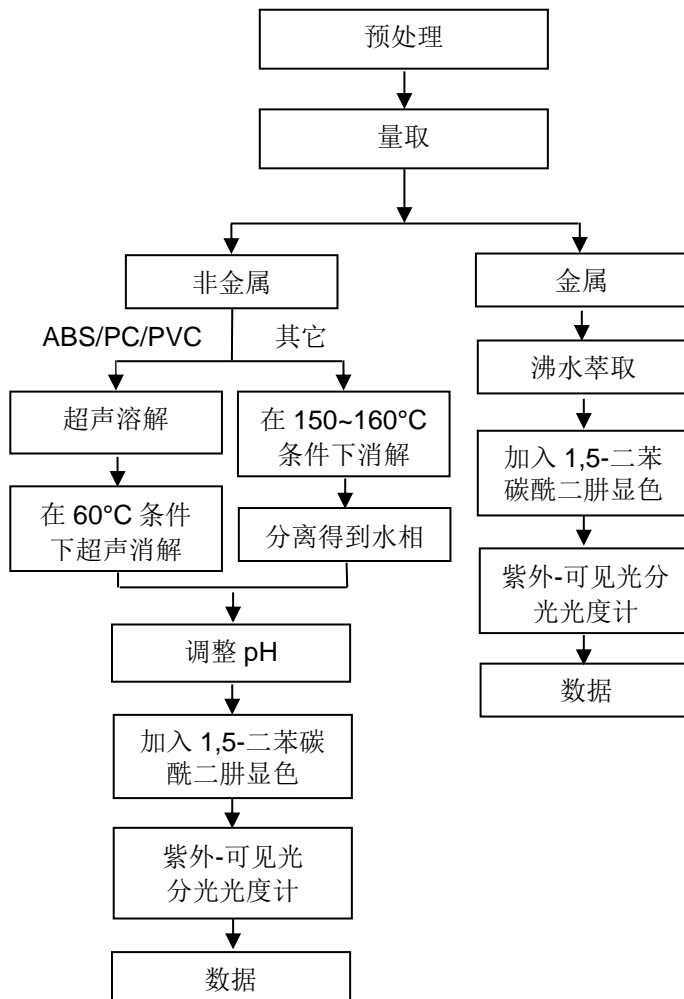
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## 六价铬检测流程图



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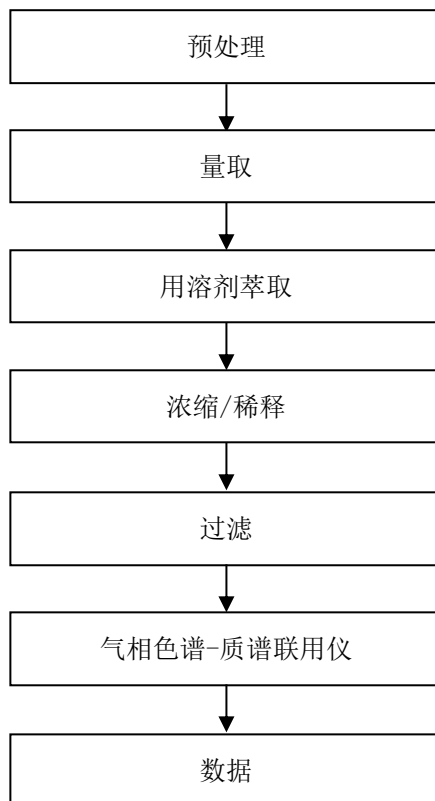
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### Phthalates 检测流程图



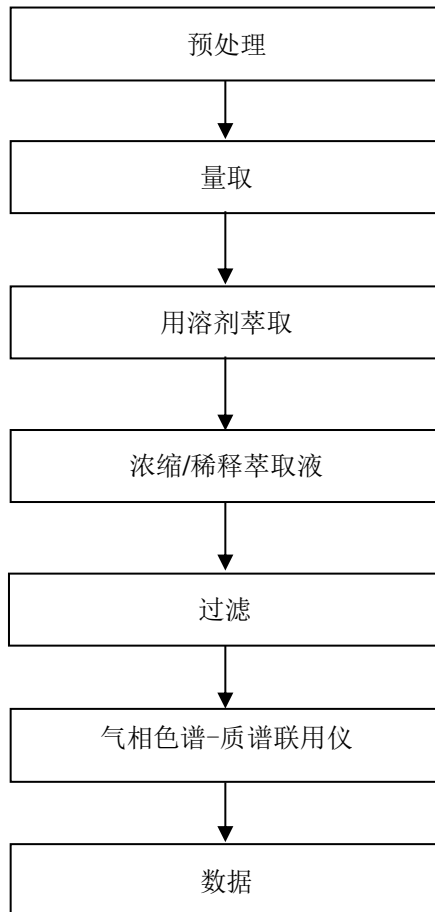
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### PBBs/PBDEs 检测流程图



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