

检测报告

编号: SHAEC23016626002

日期: 2023 年 10 月 20 日

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客户名称: 捷捷微电(南通)科技有限公司
客户地址: 江苏省南通市苏锡通科技产业园区井冈山路 1 号

样品名称: MOS
以上样品及信息由客户提供。

SGS 工作编号: SHP23-015712
样品接收时间: 2023 年 10 月 16 日
检测周期: 2023 年 10 月 16 日 ~ 2023 年 10 月 20 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 |

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倪俊

Tom Ni 倪俊
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 | A1 | SHA23-0166260-0001.C001 | 银色/黑色固体片 |

备注:

- (1) 1 mg/kg = 1 ppm = 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 | A1 |
|-----------------|------|-------|-----|----|
| 镉 (Cd) | 100 | mg/kg | 2 | ND |
| 铅 (Pb) | 1000 | mg/kg | 2 | ND |
| 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 | A1 |
|------------------------|------|-------|-----|----|
| 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) 最大允许限值引用自 RoHS 指令(EU) 2015/863。
- (2) IEC 62321 系列等同于 EN 62321 系列。
- (3) 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。

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 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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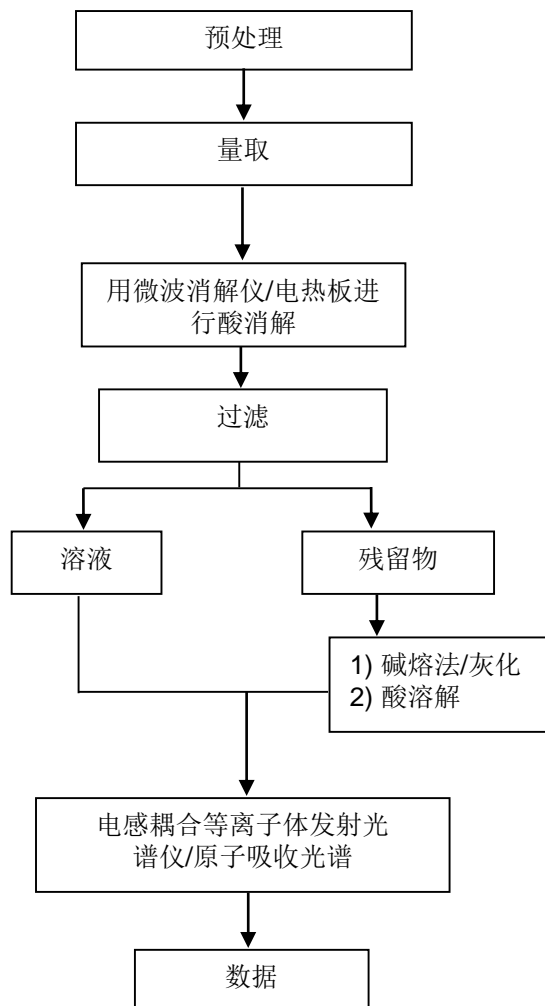
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元素检测流程图

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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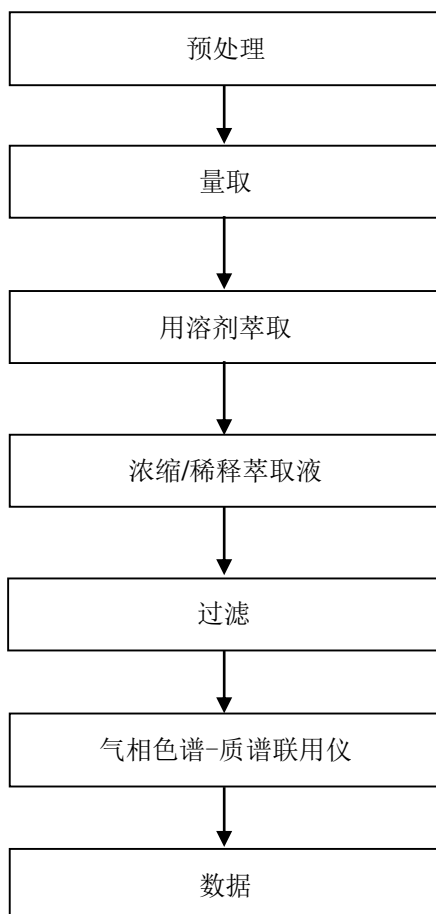
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PBBs/PBDEs 检测流程图



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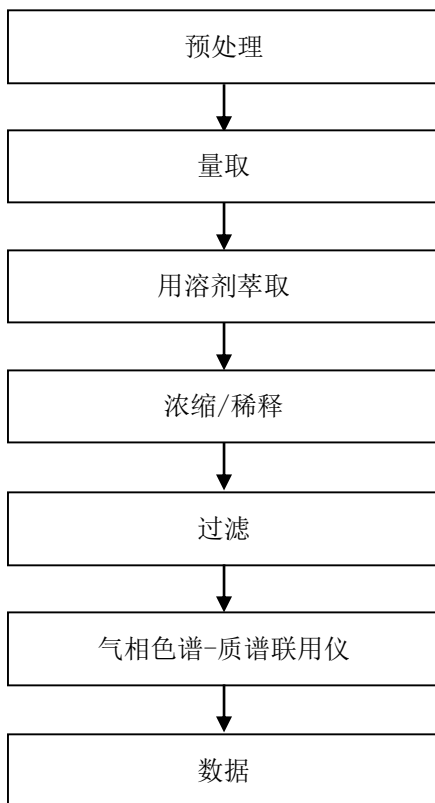
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Phthalates 检测流程图



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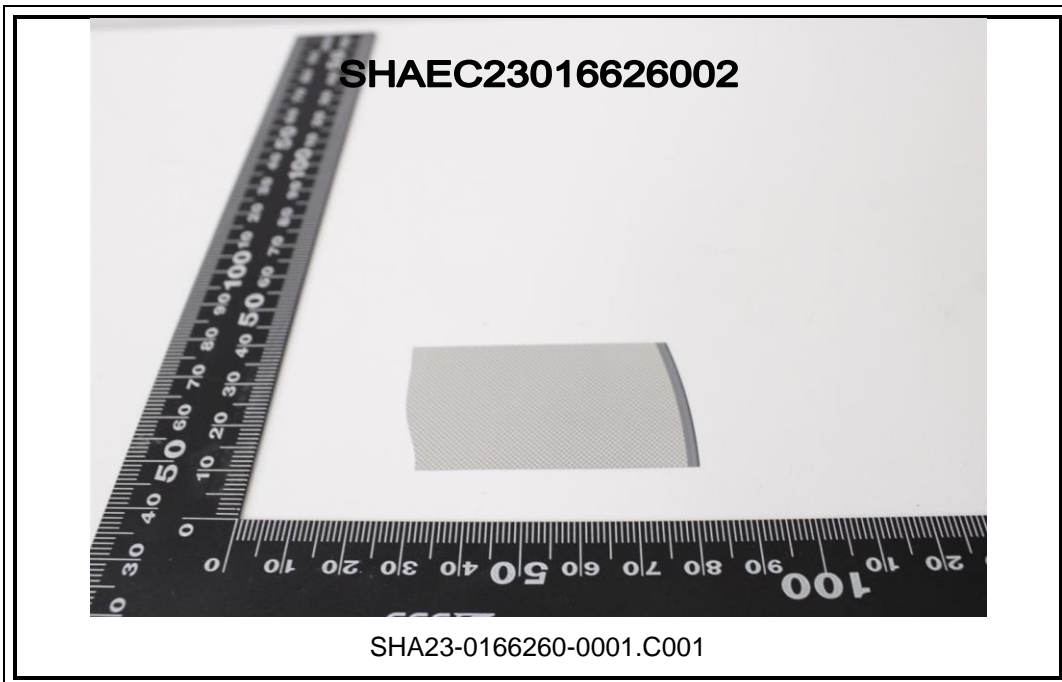
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