

## 检测报告

编号: SHAEC2212417504

日期: 2022年09月13日 第1页,共9页

客户名称: 捷捷半导体有限公司  
 客户地址: 江苏省南通市苏通科技产业园井冈山路6号

样品名称: SOP-8  
 型号: SOP-8  
 客户参考信息: DFN0603-2L、DFN1006-2L、DFN1006-3L、SOD-923、SOD-723、SOD-523、SOD-323、SOD-123、SOD-323F、SOT-143、SOT-23、SOT23-3L、SOT23-5L、SOT23-6L、SOT-563、SOT-323、SOT-523、SOT-353、SOT-363、DFN2510-10L、DFN3810-9L、DFN2010-8L、DFN1610-2L、DFN2020-2L、DFN2020-3L、DFN2626-10L、DFN4120-10L、DFN5515-18L、DFN3020-10L、PDFN3.3X3.3-8L、PDFN5X6-8L、DFN2X2-6L、DFN3333-2L、TSSOP-8、0402、0603、2510、DFN1610-6L、SGD0402、SGD0201、FBP-02C-A

以上样品及信息由客户提供。

SGS工作编号: SP22-018137 - SH  
 样品接收日期: 2022年08月23日  
 检测周期: 2022年08月23日 - 2022年09月01日  
 检测要求: 根据客户要求检测  
 检测方法: 请参见下一页  
 检测结果: 请参见下一页

结论: 基于所送样品进行的检测, 镉、铅、汞、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)、邻苯二甲酸酯(如邻苯二甲酸二丁酯(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))的检测结果显示符合欧盟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

倪俊

Tom Ni倪俊  
 批准签署人



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检测结果:

### 检测样品描述:

样品编号	SGS样品ID	描述
SN1	SHA22-124175.004	黑色本体

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

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, AAS, UV-Vis和GC-MS进行分析。

检测项目	限值	单位	MDL	004
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	-	mg/kg	5	ND
二溴联苯	-	mg/kg	5	ND
三溴联苯	-	mg/kg	5	ND
四溴联苯	-	mg/kg	5	ND
五溴联苯	-	mg/kg	5	ND
六溴联苯	-	mg/kg	5	ND
七溴联苯	-	mg/kg	5	ND
八溴联苯	-	mg/kg	5	ND
九溴联苯	-	mg/kg	5	ND
十溴联苯	-	mg/kg	5	ND
多溴二苯醚之和(PBDEs)	1000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND
二溴二苯醚	-	mg/kg	5	ND
三溴二苯醚	-	mg/kg	5	ND
四溴二苯醚	-	mg/kg	5	ND



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检测项目	限值	单位	MDL	004
五溴二苯醚	-	mg/kg	5	ND
六溴二苯醚	-	mg/kg	5	ND
七溴二苯醚	-	mg/kg	5	ND
八溴二苯醚	-	mg/kg	5	ND
九溴二苯醚	-	mg/kg	5	ND
十溴二苯醚	-	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。

## 卤素

检测方法: 参照EN 14582: 2016方法 测定, 采用 IC进行分析。

检测项目	单位	MDL	004
氟 (F)	mg/kg	50	ND
氯 (Cl)	mg/kg	50	ND
溴 (Br)	mg/kg	50	ND
碘 (I)	mg/kg	50	ND

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。

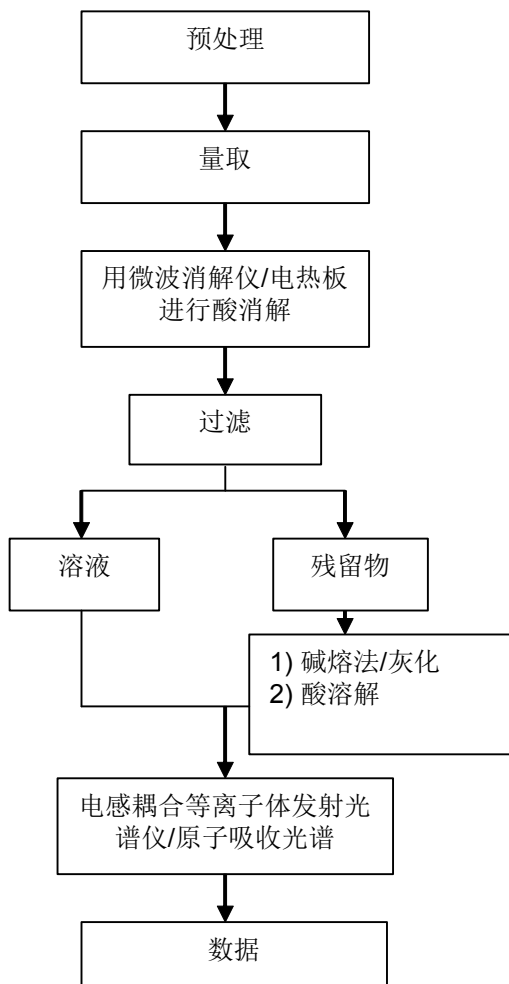


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## 元素(IEC62321) 检测流程图

1) 样品按照下述流程被完全消解

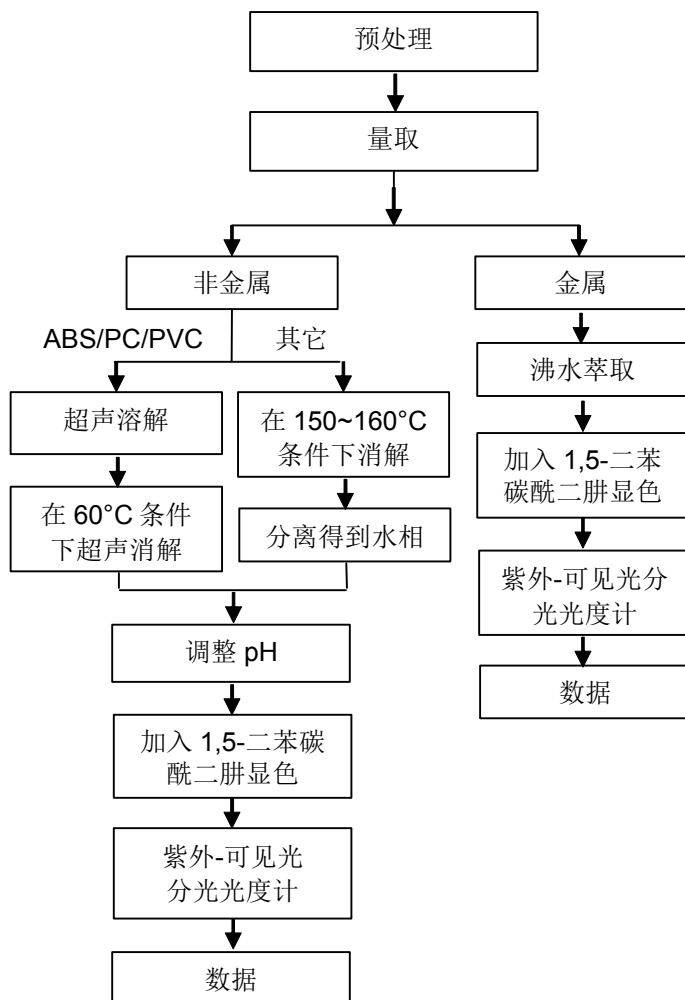


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## 六价铬检测流程图

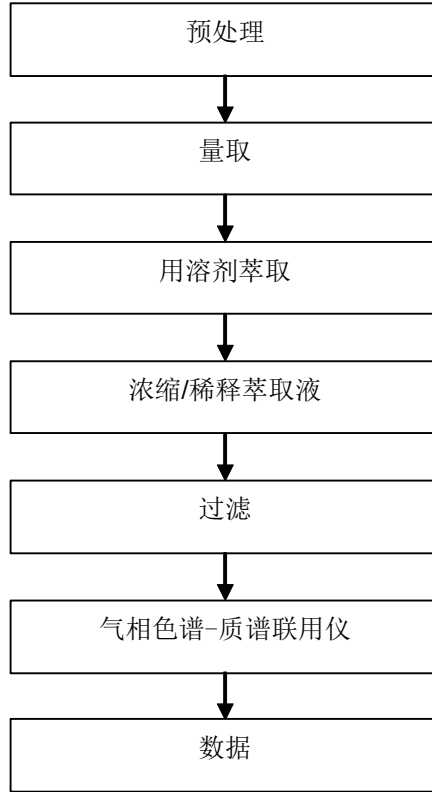


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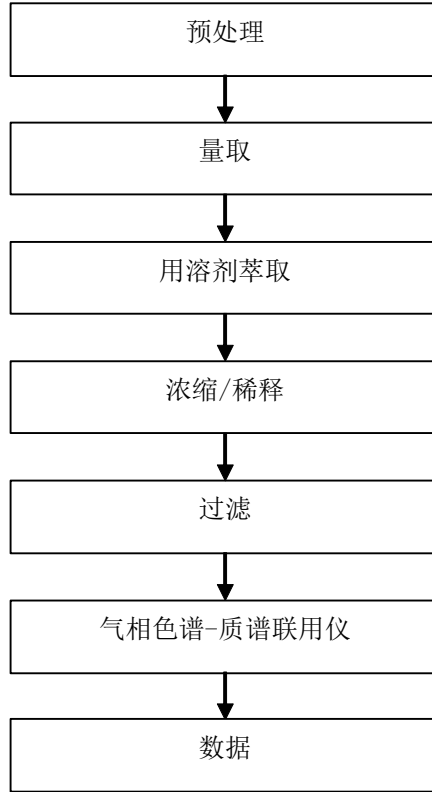
### PBBs/PBDEs 检测流程图



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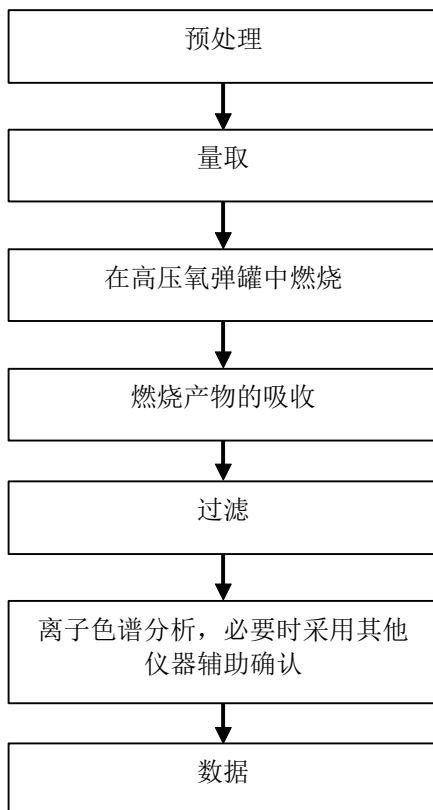
## Phthalates 检测流程图



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## Halogen(氧弹法)检测流程图

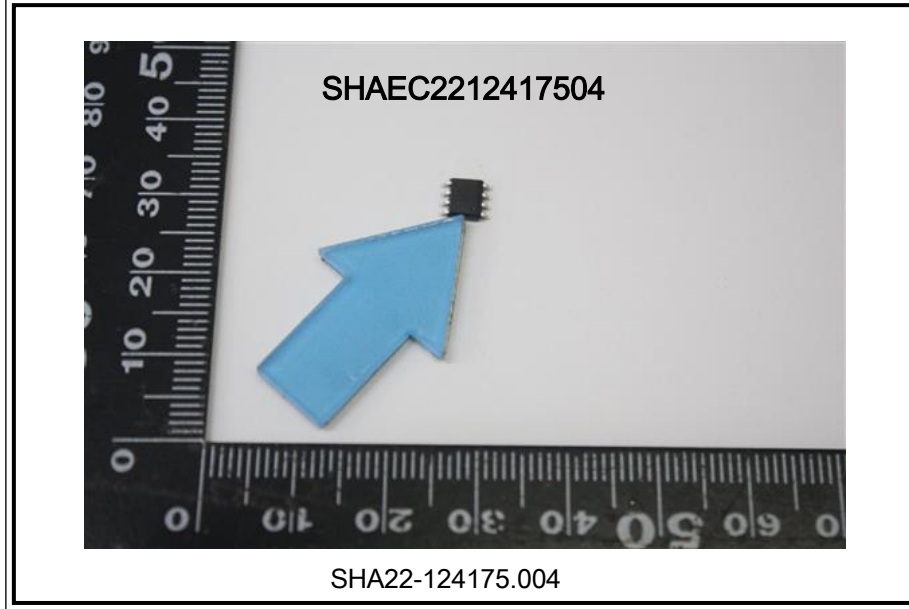


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