

测试报告

No. CKGEC2100610104

日期: 2021年08月25日 第1页,共9页

四川遂宁市利普芯微电子有限公司

四川省遂宁市船山区（经开区）飞龙路66号

以下测试之样品是由申请者所提供及确认：半导体器件

SGS工作编号： 22013646 - CQ
 型号： SOT2X
 样品接收日期： 2021年08月17日
 测试周期： 2021年08月17日 - 2021年08月24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

通标标准技术服务有限公司重庆分公司
 授权签名

邹昌梅

Mary Zou 邹昌梅
 批准签署人

scan to see the report



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测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
SN1	CKG21-006101.002	被称作“半导体器件”(混测)

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

元素分析,六价铬,阻燃剂,邻苯二甲酸酯

测试方法: 参考IEC 62321-4:2013+A1:2017, 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。

测试项目	单位	MDL	002
镉 (Cd)	mg/kg	2	ND
铅 (Pb)	mg/kg	2	10
汞 (Hg)	mg/kg	2	ND
六价铬(Cr(VI))	mg/kg	8	ND
多溴联苯之和(PBBs)	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)	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
五溴二苯醚	mg/kg	5	ND



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测试项目	单位	MDL	002
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)	mg/kg	50	ND
邻苯二甲酸丁苄酯(BBP)	mg/kg	50	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	50	ND
邻苯二甲酸二异丁酯(DIBP)	mg/kg	50	ND

备注:

(1) IEC 62321 系列等同于 EN 62321 系列

https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25

(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

测试方法: 参考EN 14582:2016, 用IC分析。

测试项目	单位	MDL	002
氟 (F)	mg/kg	50	ND
氯 (Cl)	mg/kg	50	ND
溴 (Br)	mg/kg	50	ND
碘 (I)	mg/kg	50	ND

备注: 样品基于申请人要求为混合测试。报告中的混合测试结果不代表其中个别单一材质的含量, 该测试数据仅供参考。

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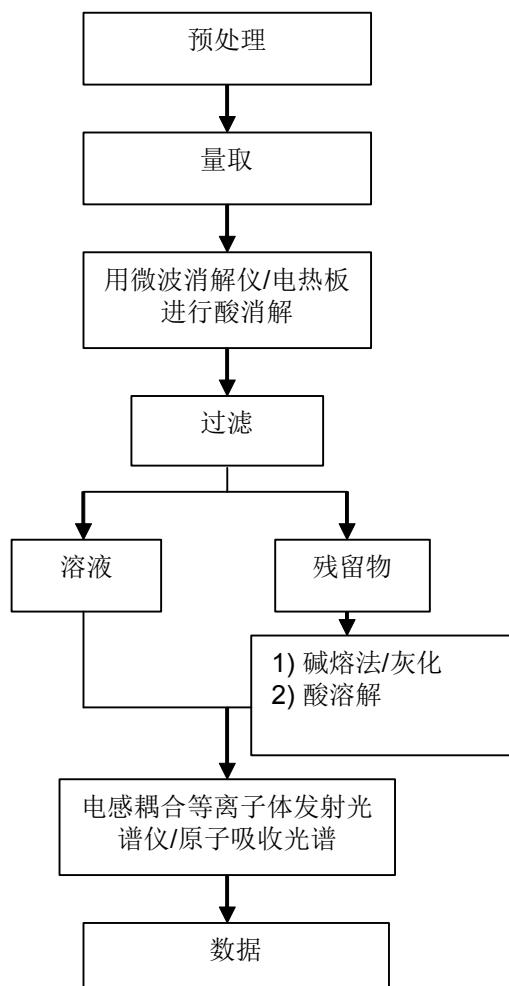
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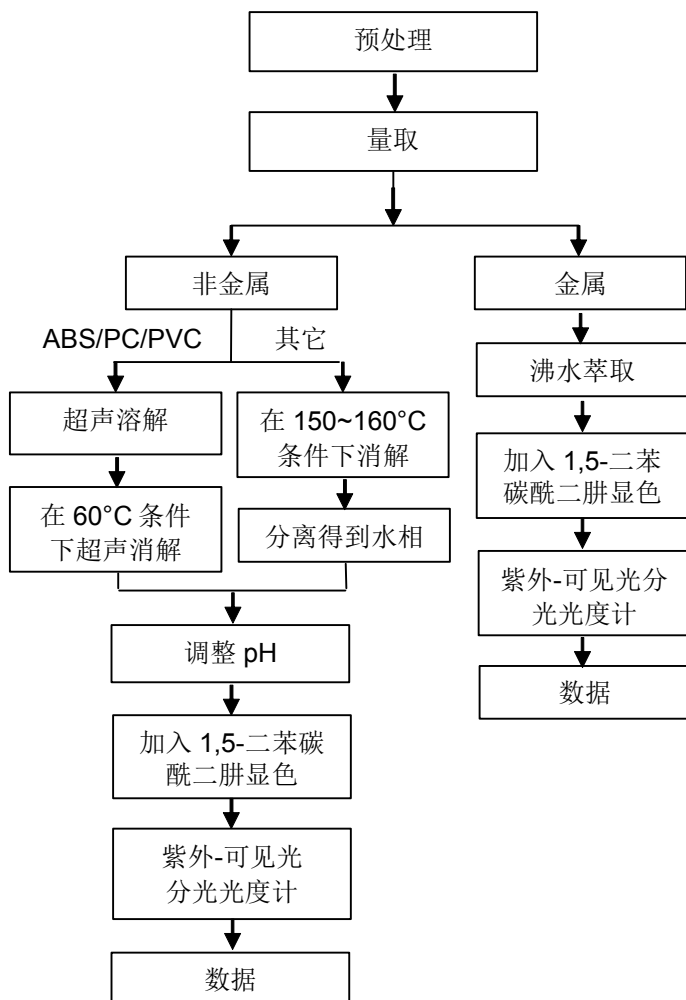
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元素(IEC62321) 测试流程图

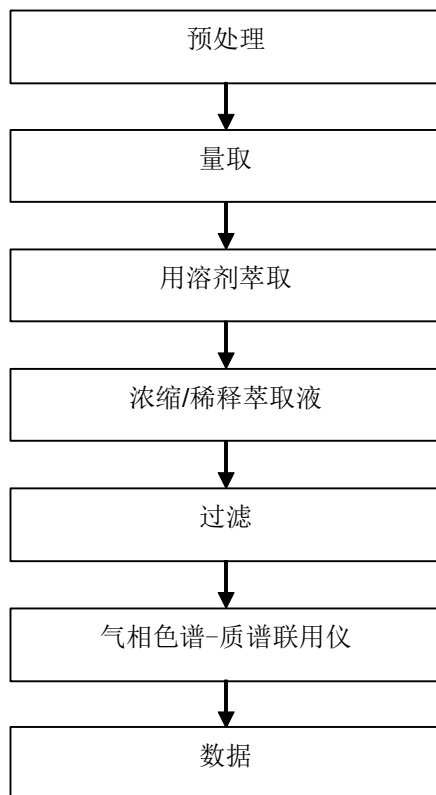
1)样品按照下述流程被完全消解



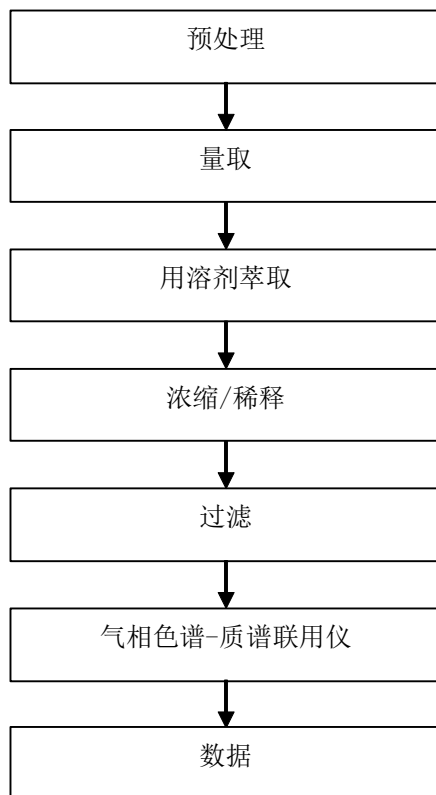
六价铬测试流程图



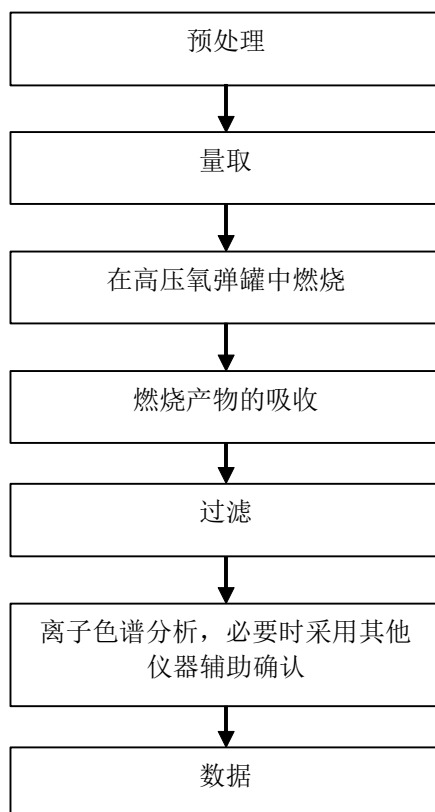
PBBs/PBDEs 测试流程图



Phthalates 测试流程图



卤素 (氧弹法)测试流程图

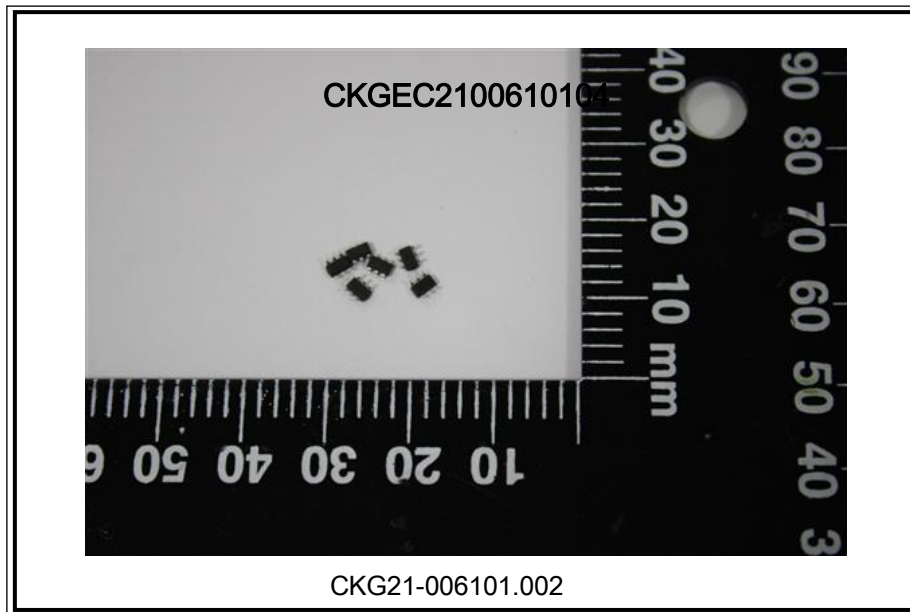


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样品照片:



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*** 报告完 ***