

## 检测报告

编号: CANEC2211466178

日期: 2022年06月28日 第1页,共7页

客户名称: 合肥晶威特电子有限责任公司  
客户地址: 安徽省合肥市经开区云谷路2569号

样品名称: SMD石英晶体谐振器  
型号: 3225  
客户参考信息: 1210, 1612, 2016, 2520, 5032, 6035, 7050, JL3225, JL2520, JL2016  
以上样品及信息由客户提供。

## 本报告取代检测报告CANEC2211466122

SGS工作编号: CP22-029478 - GZ  
内部编号: 15956831  
样品接收日期: 2022年05月31日  
检测周期: 2022年05月31日 - 2022年06月09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。

通标标准技术服务有限公司广州分公司  
授权签名

关正孟

Zm guan关正孟  
批准签署人

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SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Testing Center Chemical Laboratory.

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## 检测报告

编号: CANEC2211466178

日期: 2022年06月28日 第2页,共7页

检测结果:

### 检测样品描述:

样品编号	SGS样品ID	描述
SN1	CAN22-114661.001	"SMD 石英晶体谐振器"

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+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.

检测项目	限值	单位	MDL	001
镉 (Cd)	100	mg/kg	2	ND
铅 (Pb)	1,000	mg/kg	2	ND
汞 (Hg)	1,000	mg/kg	2	ND
六价铬(Cr(VI))	1,000	mg/kg	8	ND
多溴联苯之和(PBBs)	1,000	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)	1,000	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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## 检测报告

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日期: 2022年06月28日 第3页,共7页

检测项目	限值	单位	MDL	001
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)	1,000	mg/kg	50	ND
邻苯二甲酸丁苯酯(BBP)	1,000	mg/kg	50	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	1,000	mg/kg	50	ND
邻苯二甲酸二异丁酯(DIBP)	1,000	mg/kg	50	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

[https://www.cenelec.eu/dyn/www/?p=104:30:1742232870351101:::FSP\\_ORG\\_ID,FSP\\_LANG\\_ID:1258637,25](https://www.cenelec.eu/dyn/www/?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25)

(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。

## 卤素

检测方法: 参考EN 14582:2016, 用 IC分析。

检测项目	限值	单位	MDL	001
氟 (F)	900	mg/kg	50	ND
氯 (Cl)	900	mg/kg	50	ND
溴 (Br)	900	mg/kg	50	ND
碘 (I)	900	mg/kg	50	ND
评论				符合

备注:

限值由客户提供。

备注: 本报告中的检测结果和照片引用自报告CANEC2211466157。

本报告增加了客户参考信息。

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。

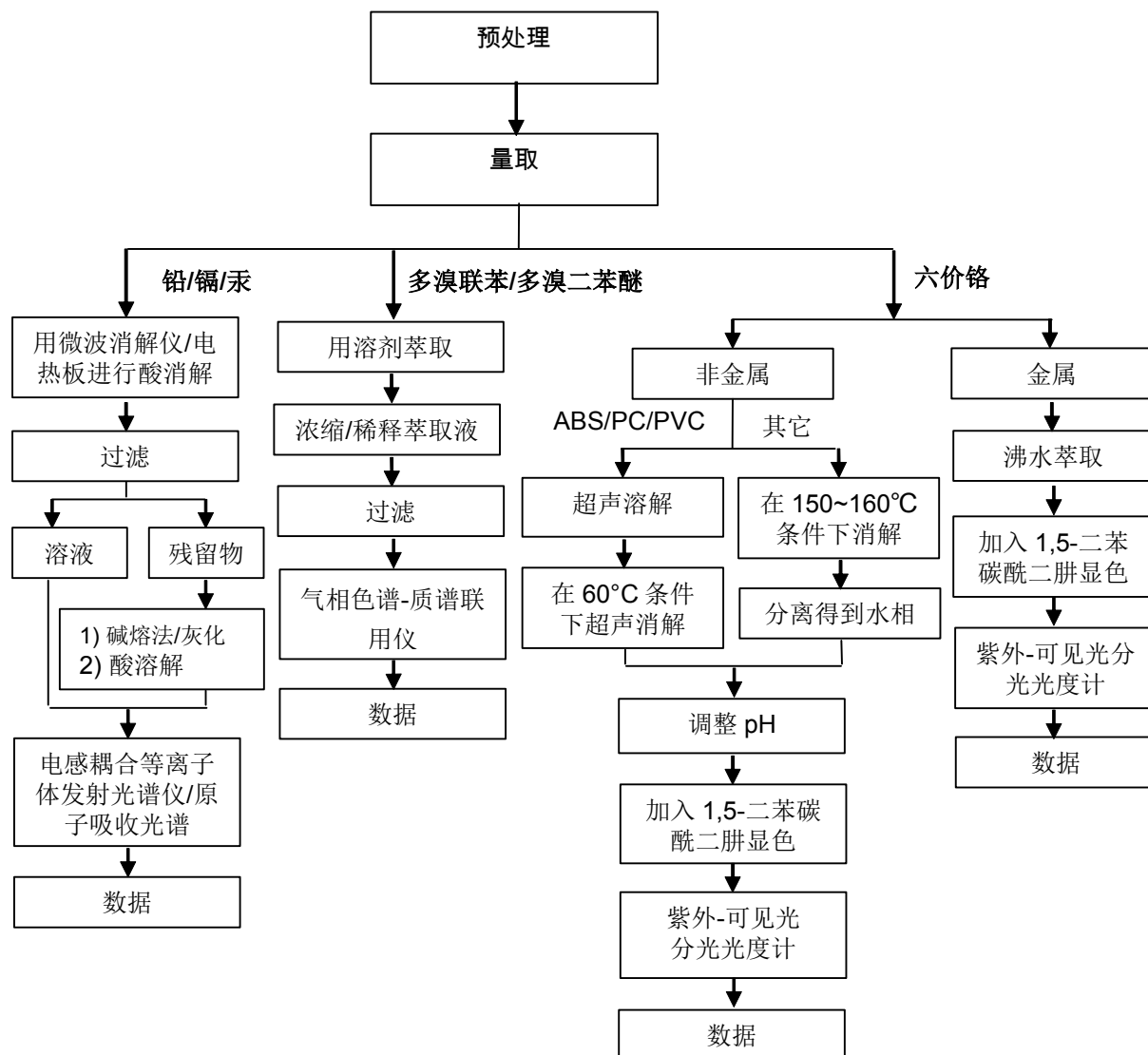
检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



附件

## Pb/Cd/Hg/Cr<sup>6+</sup>/PBBs/PBDEs 检测流程图

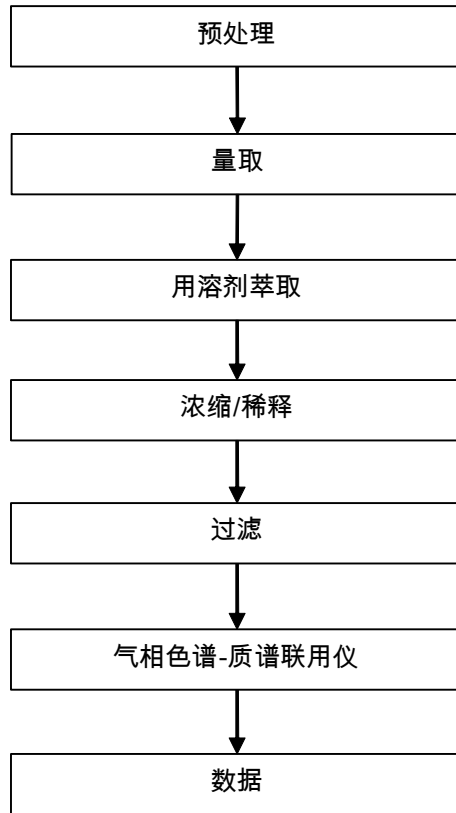
1) 样品按照下述流程被完全消解（六价铬和多溴联苯/多溴二苯醚检测除外）。





附件

### Phthalates 检测流程图

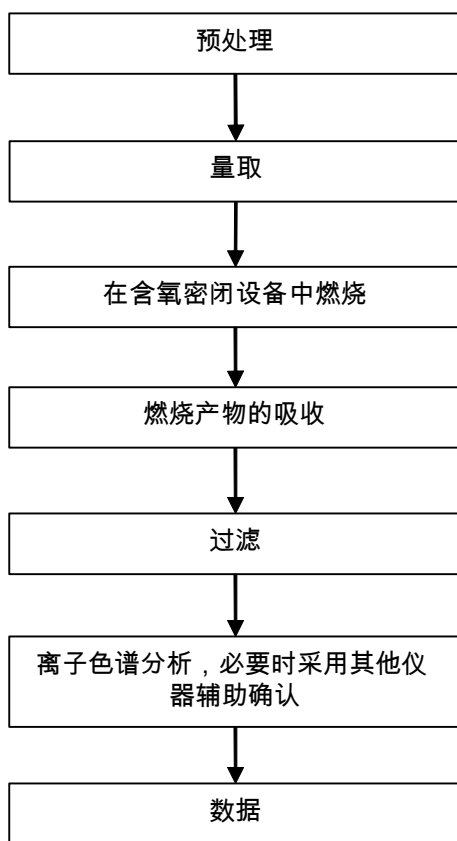


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附件

## Halogen 检测流程图



样品照片:



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