

## 检测报告

编号: SHAEC2300849804

日期: 2023年02月13日 第1页,共9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: 3215  
客户参考信息: 2012、1610  
以上样品及信息由客户提供。

SGS工作编号: SP23-002400 - SH  
样品接收日期: 2023年02月07日  
检测周期: 2023年02月07日 - 2023年02月13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)、邻苯二甲酸丁苯酯(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)) 的检测结果不超过客户限值。

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授权签名

Jenny Lan 兰柳珍  
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	SHA23-008498.004	黑色/金色/银色固体

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

## 镉(Cd),铅(Pb),汞(Hg),六价铬(Cr(VI)),多溴联苯(PBBs),多溴二苯醚(PBDEs),邻苯二甲酸酯

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)	75	mg/kg	2	ND
铅(Pb)	600	mg/kg	2	ND
汞(Hg)	600	mg/kg	2	ND
六价铬 (Cr(VI))	600	mg/kg	8	ND
多溴联苯之和(PBBs)	600	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)	600	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



SGS-CTC (Shanghai) Technical Services (Shanghai) Co., Ltd.  
 Testing Center-Client's Laboratory

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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)	600	mg/kg	50	ND
邻苯二甲酸丁苄酯(BBP)	600	mg/kg	50	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	600	mg/kg	50	ND
邻苯二甲酸二异丁酯(DIBP)	600	mg/kg	50	ND

备注:

(1) 最大允许限值来源于客户要求。  
IEC 62321系列等同于 EN 62321系列

## 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。



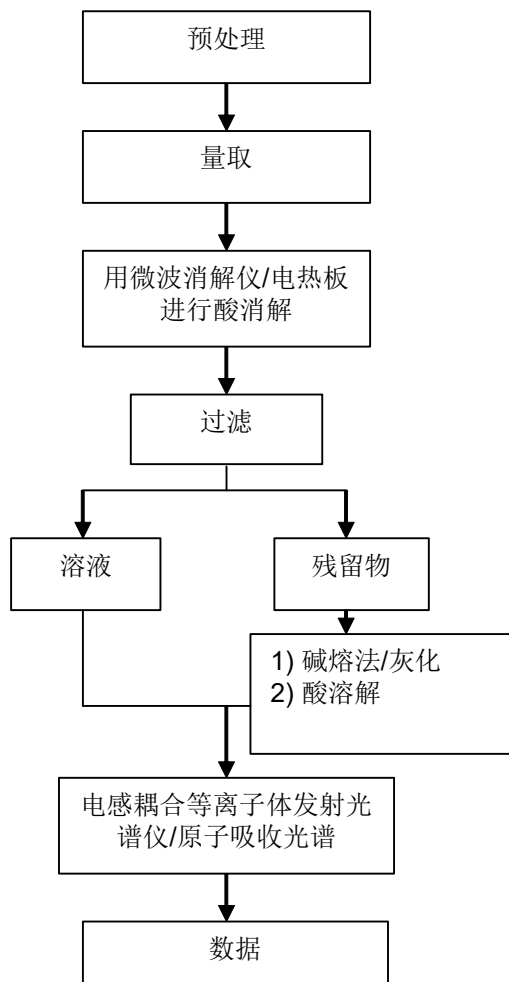
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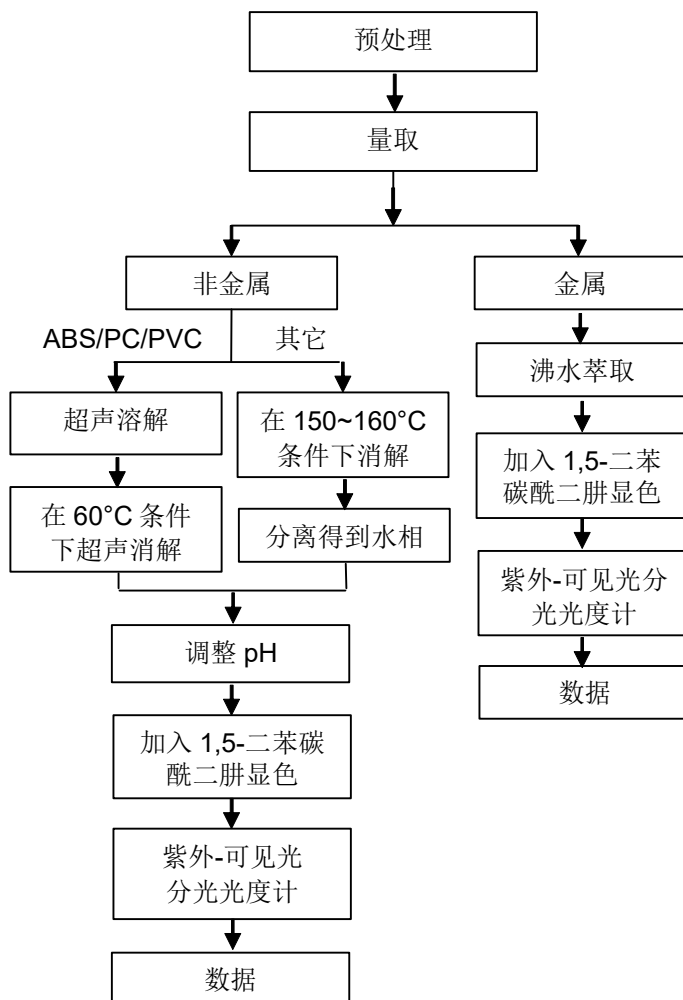
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## 元素(IEC62321) 检测流程图

1) 样品按照下述流程被完全消解

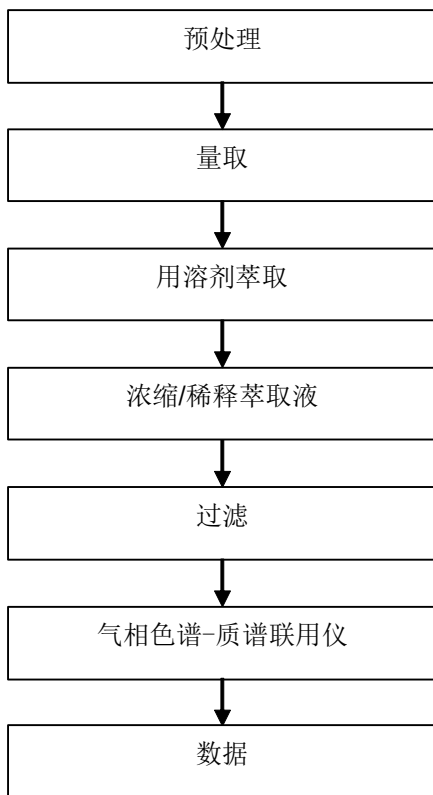


## 六价铬检测流程图

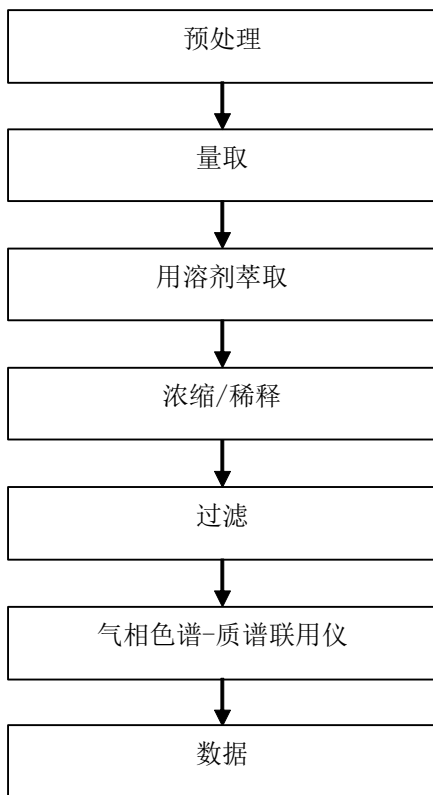




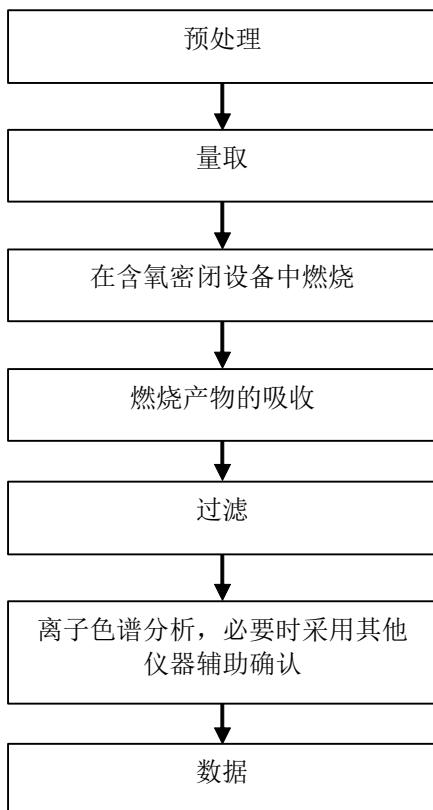
## PBBs/PBDEs 检测流程图



## Phthalates 检测流程图



## 卤素检测流程图





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样品照片:



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