

## 检测报告

编号: CKGEC2300387842

日期: 2023年05月08日 第1页,共8页

客户名称: 湖北新华光信息材料有限公司

客户地址: 湖北省襄阳市长虹北路67号

样品名称: H-ZF13

批号: 220100110

以上样品及信息由客户提供。

SGS工作编号: 10030363 - CQ

样品接收日期: 2023年04月27日

检测周期: 2023年04月27日 - 2023年05月08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

检测结果概要:

| 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 |

通标标准技术服务(重庆)有限公司  
授权签名

邹昌梅

Mary Zou 邹昌梅  
批准签署人

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SGS-CSTC (重庆) 通标标准技术服务(重庆)有限公司  
Chemical LaboratoryLiangjing Industrial Park, No.37, Cuitao Road, Yubei District, Chongqing, China 401120  
中国·重庆·渝北区翠桃路37号(凉井工业园) 邮编: 401120t (86-23) 6311 0882 www.sgsgroup.com.cn  
t (86-23) 6311 0882 sgs.china@sgs.com

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日期: 2023年05月08日 第2页,共8页

检测结果:

### 检测样品描述:

| 样品编号 | SGS样品ID          | 描述     |
|------|------------------|--------|
| SN1  | CKG23-003878.021 | 无色透明玻璃 |

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

### 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+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 | 021 |
|----------------|------|-------|-----|-----|
| 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 | Q21 |
|-----------------------|------|-------|-----|-----|
| 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 。
  - (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。
- 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。

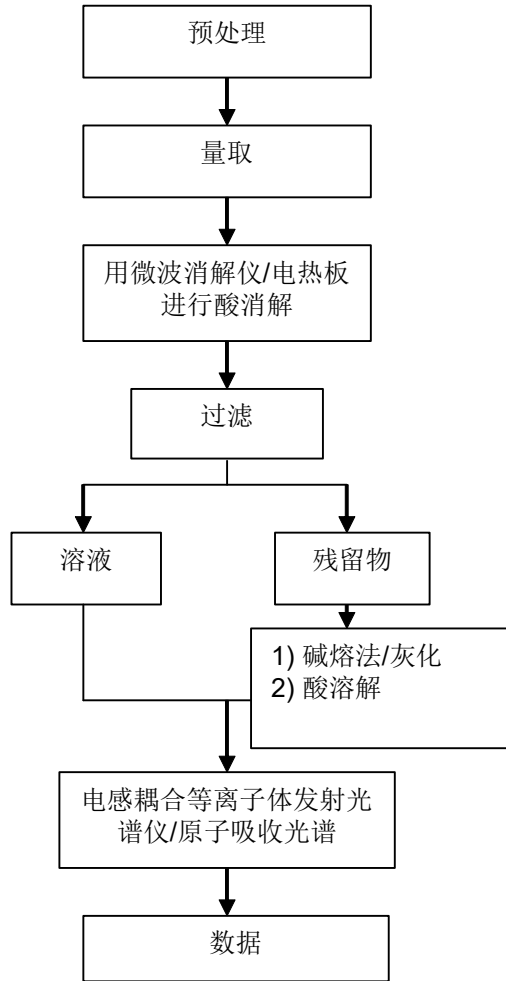


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## 元素(IEC62321) 检测流程图

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

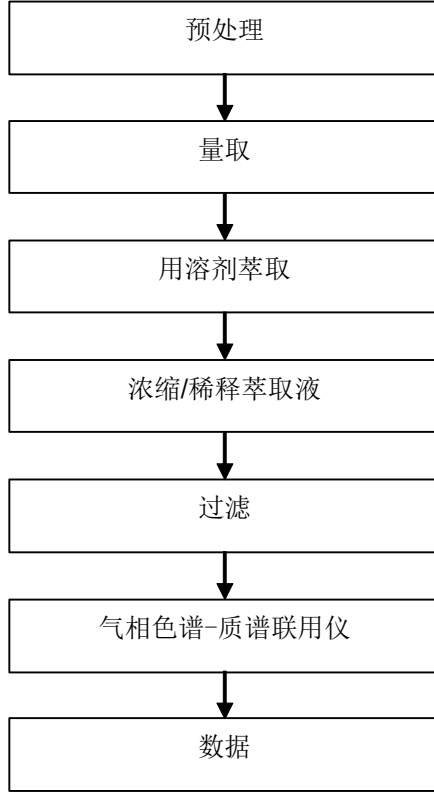


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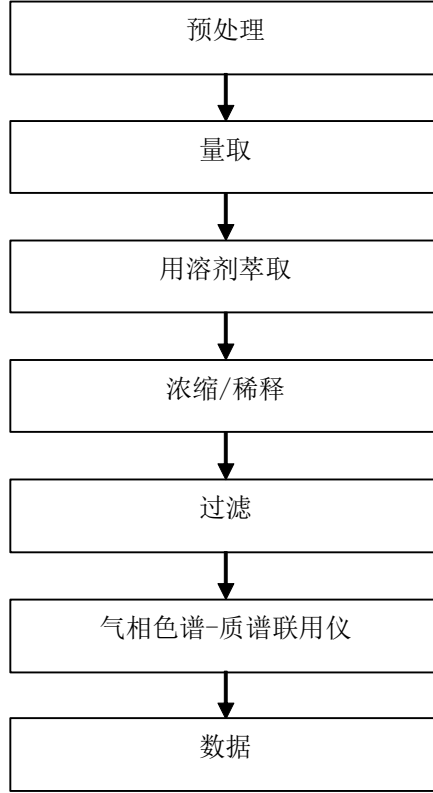
### PBBs/PBDEs 检测流程图



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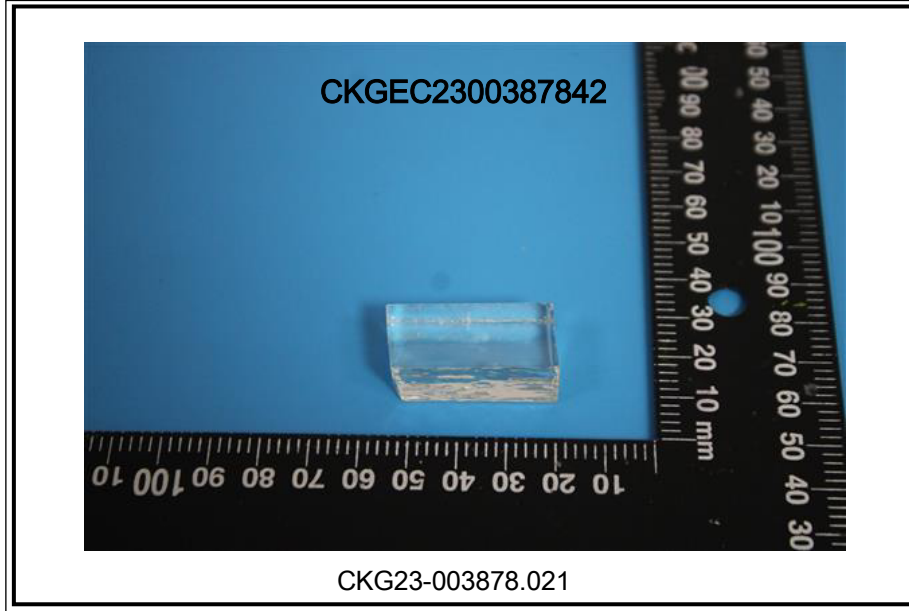
## Phthalates 检测流程图



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