

## 检测报告

编号: CKGEC24000372424

日期: 2024 年 05 月 07 日

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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-ZK2

批号: 30611912230805

以上样品及信息由客户提供。

SGS 工作编号: CQP24-004312

样品接收时间: 2024 年 04 月 28 日

检测周期: 2024 年 04 月 28 日 ~ 2024 年 05 月 07 日

检测要求: 根据客户要求检测

检测方法: 见后续页。

检测结果: 见后续页。

| 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 (PBB)、多溴二苯醚 (PBDE)、邻苯二甲酸二(2-乙基己基)酯 (DEHP)、邻苯二甲酸丁苄酯 (BBP)、邻苯二甲酸二丁酯 (DBP)和邻苯二甲酸二异丁酯 (DIBP) | 符合 |

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## 检测结果:

### 检测部件外观描述:

| 样品序号 | 样品编号 | SGS 样品 ID               | 样品描述   |
|------|------|-------------------------|--------|
| SN1  | A7   | CKG24-0003724-0001.C007 | 无色透明玻璃 |

### 备注:

- (1) 1 mg/kg = 1 ppm = 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 (PBB)、多溴二苯醚 (PBDE)、邻苯二甲酸二(2-乙基己基)酯 (DEHP)、邻苯二甲酸丁苄酯 (BBP)、邻苯二甲酸二丁酯 (DBP)和邻苯二甲酸二异丁酯 (DIBP)**

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 | A7 |
|------------------|------|-------|-----|----|
| 铅 (Pb)           | 1000 | mg/kg | 2   | ND |
| 汞 (Hg)           | 1000 | mg/kg | 2   | ND |
| 镉 (Cd)           | 100  | mg/kg | 2   | ND |
| 六价铬 (Cr(VI))     | 1000 | mg/kg | 8   | ND |
| 多溴联苯之和 (PBB)     | 1000 | mg/kg | -   | ND |
| 一溴联苯 (MonoBB)    | -    | mg/kg | 5   | ND |
| 二溴联苯 (DiBB)      | -    | mg/kg | 5   | ND |
| 三溴联苯 (TriBB)     | -    | mg/kg | 5   | ND |
| 四溴联苯 (TetraBB)   | -    | mg/kg | 5   | ND |
| 五溴联苯 (PentaBB)   | -    | mg/kg | 5   | ND |
| 六溴联苯 (HexaBB)    | -    | mg/kg | 5   | ND |
| 七溴联苯 (HeptaBB)   | -    | mg/kg | 5   | ND |
| 八溴联苯 (OctaBB)    | -    | mg/kg | 5   | ND |
| 九溴联苯 (NonaBB)    | -    | mg/kg | 5   | ND |
| 十溴联苯 (DecaBB)    | -    | mg/kg | 5   | ND |
| 多溴二苯醚之和 (PBDE)   | 1000 | mg/kg | -   | ND |
| 一溴二苯醚 (MonoBDE)  | -    | mg/kg | 5   | ND |
| 二溴二苯醚 (DiBDE)    | -    | mg/kg | 5   | ND |
| 三溴二苯醚 (TriBDE)   | -    | mg/kg | 5   | ND |
| 四溴二苯醚 (TetraBDE) | -    | mg/kg | 5   | ND |
| 五溴二苯醚 (PentaBDE) | -    | mg/kg | 5   | ND |
| 六溴二苯醚 (HexaBDE)  | -    | mg/kg | 5   | ND |
| 七溴二苯醚 (HeptaBDE) | -    | mg/kg | 5   | ND |
| 八溴二苯醚 (OctaBDE)  | -    | mg/kg | 5   | ND |



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| 检测项目                   | 限值   | 单位    | MDL | A7 |
|------------------------|------|-------|-----|----|
| 九溴二苯醚 (NonaBDE)        | -    | mg/kg | 5   | ND |
| 十溴二苯醚 (DecaBDE)        | -    | mg/kg | 5   | ND |
| 邻苯二甲酸二(2-乙基己基)酯 (DEHP) | 1000 | mg/kg | 50  | ND |
| 邻苯二甲酸丁苄酯 (BBP)         | 1000 | mg/kg | 50  | ND |
| 邻苯二甲酸二丁酯 (DBP)         | 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。

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 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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附件

### 元素检测流程图

样品按照下述流程被完全消解



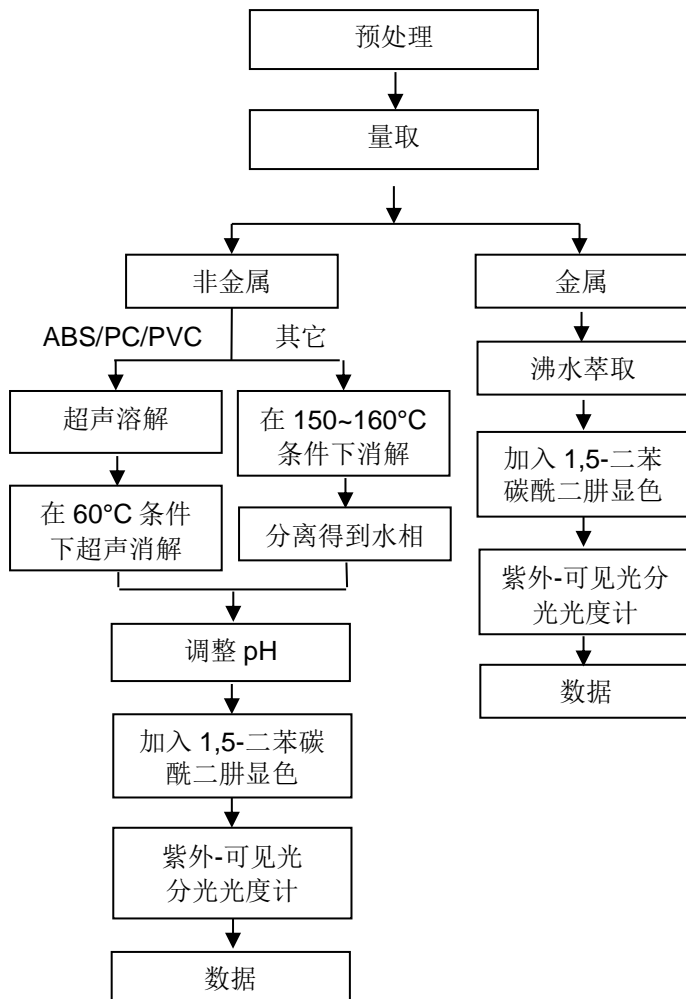
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### 六价铬检测流程图



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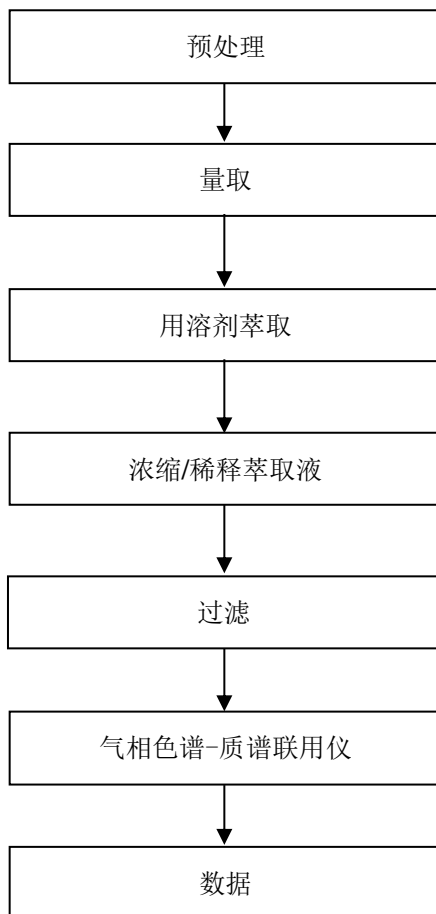
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### PBB/PBDE 检测流程图



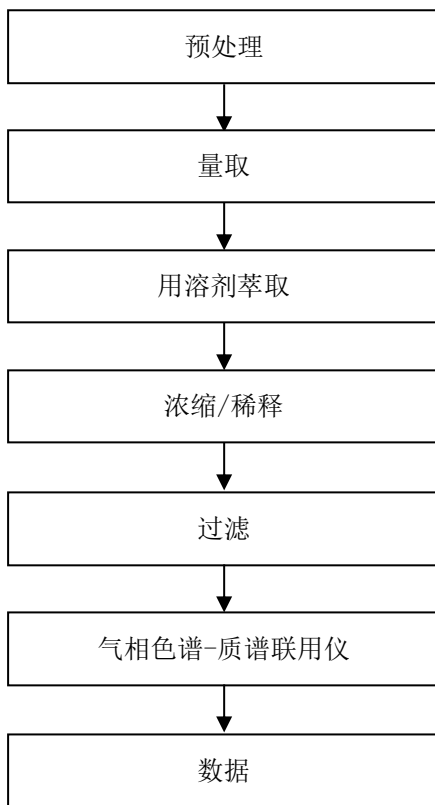
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### Phthalates 检测流程图



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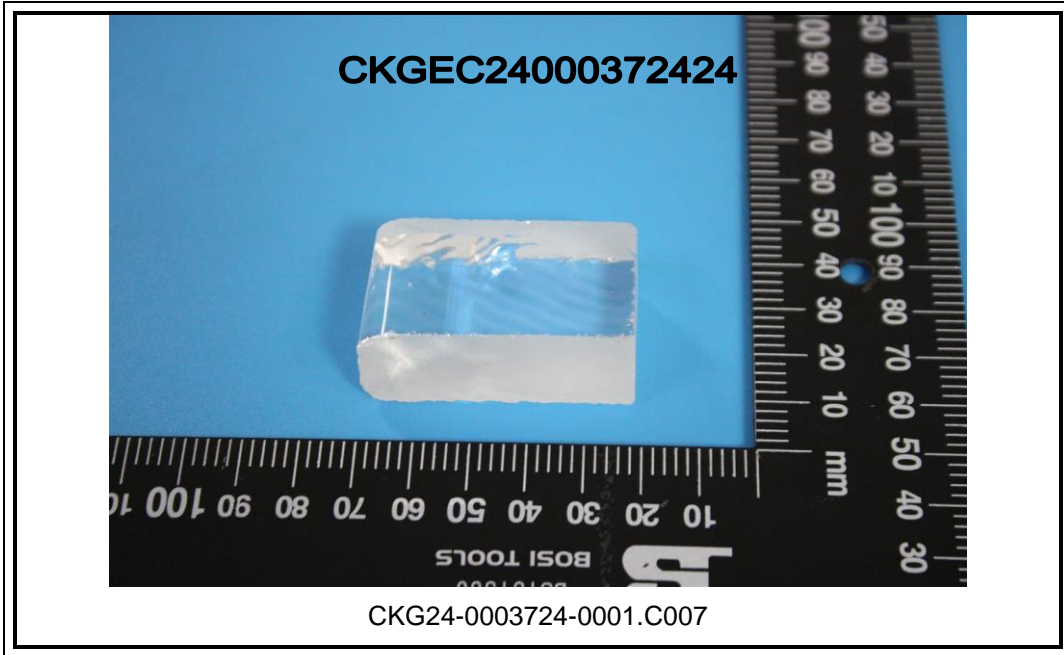
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