

## 检测报告

编号: CANEC26019939902

日期: 2026 年 07 月 27 日

第 1 页, 共 11 页

客户名称: 建滔积层板控股有限公司  
客户地址: 香港新界沙田安耀街三號匯達大廈二十三樓

样品名称: 半固化片  
型号: KB-6067F  
客户参考信息: KB-6068LE  
以上样品及信息由客户提供。

SGS 工作编号: GZP26-021599  
样品接收时间: 2026 年 07 月 20 日  
检测周期: 2026 年 07 月 20 日 ~ 2026 年 07 月 24 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    |
| 六溴环十二烷(HBCDD)                                                                                                                                          | 见检测结果 |
| 邻苯二甲酸酯                                                                                                                                                 | 见检测结果 |
| 多氯联苯(PCBs)                                                                                                                                             | 见检测结果 |

通标标准技术服务有限公司广州分公司  
授权签名

李嘉欣

Jessie-JX Li 李嘉欣  
批准签署人

Scan to see the report



746D7CE5



SGS-CSI Standards Technical Services Co., Ltd.  
Guangzhou Branch / 通标标准技术服务有限公司广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 检测报告

编号: CANEC26019939902

日期: 2026 年 07 月 27 日

第 2 页, 共 11 页

## 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  | A1   | CAN26-0199399-0001.C001 | 黄色片  |

## 备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 方法检出限
- (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 和 IEC 62321-12:2023, 采用 ICP-OES/AAS, UV-Vis 和 GC-MS 进行分析。

| 检测项目             | 限值   | 单位    | MDL | A1 |
|------------------|------|-------|-----|----|
| 铅 (Pb)           | 1000 | mg/kg | 2   | 9  |
| 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 | 25  | ND |
| 二溴联苯 (DiBB)      | -    | mg/kg | 25  | ND |
| 三溴联苯 (TriBB)     | -    | mg/kg | 25  | ND |
| 四溴联苯 (TetraBB)   | -    | mg/kg | 25  | ND |
| 五溴联苯 (PentaBB)   | -    | mg/kg | 25  | ND |
| 六溴联苯 (HexaBB)    | -    | mg/kg | 25  | ND |
| 七溴联苯 (HeptaBB)   | -    | mg/kg | 25  | ND |
| 八溴联苯 (OctaBB)    | -    | mg/kg | 25  | ND |
| 九溴联苯 (NonaBB)    | -    | mg/kg | 25  | ND |
| 十溴联苯 (DecaBB)    | -    | mg/kg | 25  | ND |
| 多溴二苯醚之和 (PBDE)   | 1000 | mg/kg | -   | ND |
| 一溴二苯醚 (MonoBDE)  | -    | mg/kg | 25  | ND |
| 二溴二苯醚 (DiBDE)    | -    | mg/kg | 25  | ND |
| 三溴二苯醚 (TriBDE)   | -    | mg/kg | 25  | ND |
| 四溴二苯醚 (TetraBDE) | -    | mg/kg | 25  | ND |
| 五溴二苯醚 (PentaBDE) | -    | mg/kg | 25  | ND |
| 六溴二苯醚 (HexaBDE)  | -    | mg/kg | 25  | ND |
| 七溴二苯醚 (HeptaBDE) | -    | mg/kg | 25  | ND |
| 八溴二苯醚 (OctaBDE)  | -    | mg/kg | 25  | ND |



SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch: Guangzhou Science City Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgs.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

## 检测报告

编号: CANEC26019939902

日期: 2026 年 07 月 27 日

第 3 页, 共 11 页

| 检测项目                   | 限值   | 单位    | MDL | A1 |
|------------------------|------|-------|-----|----|
| 九溴二苯醚 (NonaBDE)        | -    | mg/kg | 25  | ND |
| 十溴二苯醚 (DecaBDE)        | -    | mg/kg | 25  | 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。

## 六溴环十二烷(HBCDD)

检测方法: 参考 IEC 62321-9:2021, 采用 GC-MS 进行分析。

| 检测项目           | CAS No.                                                                  | 单位    | MDL | A1 |
|----------------|--------------------------------------------------------------------------|-------|-----|----|
| 六溴环十二烷 (HBCDD) | 134237-50-6<br>/134237-51-7<br>/134237-52-8<br>/25637-99-4<br>/3194-55-6 | mg/kg | 20  | ND |

## 邻苯二甲酸酯

检测方法: 参考 IEC 62321-8:2017, 采用 GC-MS 进行分析。

| 检测项目                   | CAS No.                   | 单位    | MDL | A1 |
|------------------------|---------------------------|-------|-----|----|
| 邻苯二甲酸二丁酯 (DBP)         | 84-74-2                   | mg/kg | 50  | ND |
| 邻苯二甲酸二(2-乙基己基)酯(DEHP)  | 117-81-7                  | mg/kg | 50  | ND |
| 邻苯二甲酸丁苄酯(BBP)          | 85-68-7                   | mg/kg | 50  | ND |
| 邻苯二甲酸二异壬酯(DINP)        | 28553-12-0<br>/68515-48-0 | mg/kg | 50  | ND |
| 邻苯二甲酸二辛酯(DNOP)         | 117-84-0                  | mg/kg | 50  | ND |
| 邻苯二甲酸二异癸酯(DIDP)        | 26761-40-0<br>/68515-49-1 | mg/kg | 50  | ND |
| 邻苯二甲酸二异丁酯(DIBP)        | 84-69-5                   | mg/kg | 50  | ND |
| 邻苯二甲酸二(2-甲氧基乙基)酯(DMEP) | 117-82-8                  | mg/kg | 50  | ND |
| 邻苯二甲酸二正己酯(DnHP)        | 84-75-3                   | mg/kg | 50  | ND |
| 邻苯二甲酸二戊酯 (DPENP/ DnPP) | 131-18-0                  | mg/kg | 50  | ND |
| 邻苯二甲酸二苯酯(DPhP)         | 84-62-8                   | mg/kg | 50  | ND |
| 邻苯二甲酸双十一酯(DUDP)        | 3648-20-2                 | mg/kg | 50  | ND |
| 邻苯二甲酸二甲酯(DMP)          | 131-11-3                  | mg/kg | 50  | ND |
| 邻苯二甲酸二乙酯(DEP)          | 84-66-2                   | mg/kg | 50  | ND |



SGS-CTC Standards Technical Services Co., Ltd.  
Guangzhou Branch: Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

## 检测报告

编号: CANEC26019939902

日期: 2026 年 07 月 27 日

第 4 页, 共 11 页

| 检测项目                        | CAS No.     | 单位    | MDL | A1 |
|-----------------------------|-------------|-------|-----|----|
| 邻苯二甲酸二丙酯(DPrP)              | 131-16-8    | mg/kg | 50  | ND |
| 邻苯二甲酸二环己酯(DCHP)             | 84-61-7     | mg/kg | 50  | ND |
| 邻苯二甲酸二苯甲酯(DBzP)             | 523-31-9    | mg/kg | 50  | ND |
| 邻苯二甲酸二壬酯(DNP)               | 84-76-4     | mg/kg | 50  | ND |
| 邻苯二甲酸二异辛酯(DIOP)             | 27554-26-3  | mg/kg | 50  | ND |
| 邻苯二甲酸二丙烯酯(DAP)              | 131-17-9    | mg/kg | 50  | ND |
| 1,2-苯二甲酸癸基辛基酯(nDnOP)        | 119-07-3    | mg/kg | 50  | ND |
| 邻苯二甲酸二癸酯(DnDP)              | 84-77-5     | mg/kg | 50  | ND |
| 邻苯二甲酸二异戊酯(DiPP)             | 605-50-5    | mg/kg | 50  | ND |
| 邻苯二甲酸正戊基异戊基酯(nPiPP)         | 776297-69-9 | mg/kg | 50  | ND |
| 邻苯二甲酸二(2-丁氧基)乙酯(DBEP)       | 117-83-9    | mg/kg | 50  | ND |
| 邻苯二甲酸二(4-甲基-2-戊基)酯(BMPP)    | 146-50-9    | mg/kg | 50  | ND |
| 邻苯二甲酸二(2-乙氧基)乙酯(DEEP)       | 605-54-9    | mg/kg | 50  | ND |
| 邻苯二甲酸二 C6-C8 支链烷基酯(DIHP)    | 71888-89-6  | mg/kg | 50  | ND |
| 邻苯二甲酸二正庚酯(DnHpP)            | 3648-21-3   | mg/kg | 50  | ND |
| 邻苯二甲酸二(C7,C9,C11)烷基酯(DHNUP) | 68515-42-4  | mg/kg | 50  | ND |
| 邻苯二甲酸二(支链与直链)戊基酯(DPP)       | 84777-06-0  | mg/kg | 50  | ND |
| 邻苯二甲酸双十三烷基酯(DDTP)           | 119-06-2    | mg/kg | 50  | ND |
| 邻苯二甲酸二(支链与直链)己基酯(DHxP)      | 68515-50-4  | mg/kg | 50  | ND |
| 己二酸二(2-乙基己基)酯(DEHA)         | 103-23-1    | mg/kg | 50  | ND |
| 对苯二甲酸二(2-乙基己基)酯(DOTP)       | 6422-86-2   | mg/kg | 50  | ND |
| 己二酸二异壬酯(DINA)               | 33703-08-1  | mg/kg | 50  | ND |
| 邻苯二甲酸二(2-丙基庚基)酯(DPHpP)      | 53306-54-0  | mg/kg | 50  | ND |
| 乙酰柠檬酸三丁酯(ATBC)              | 77-90-7     | mg/kg | 50  | ND |
| 偏苯三酸三(2-乙基己基)酯(TOTM)        | 3319-31-1   | mg/kg | 50  | ND |

## 多氯联苯(PCBs)

检测方法: SGS 内部方法, 采用 GC-ECD/GC-MS 进行分析。

| 检测项目                  | CAS No.    | 单位    | MDL | A1 |
|-----------------------|------------|-------|-----|----|
| 4-一氯联苯(PCB3)          | 2051-62-9  | mg/kg | 0.5 | ND |
| 2,4'-二氯联苯(PCB8)       | 34883-43-7 | mg/kg | 0.5 | ND |
| 2,2',5-三氯联苯(PCB18)    | 37680-65-2 | mg/kg | 0.5 | ND |
| 2,4,4'-三氯联苯(PCB28)    | 7012-37-5  | mg/kg | 0.5 | ND |
| 2,4,5-三氯联苯(PCB29)     | 15862-07-4 | mg/kg | 0.5 | ND |
| 2,4',5-三氯联苯(PCB31)    | 16606-02-3 | mg/kg | 0.5 | ND |
| 2,2',3,5'-四氯联苯(PCB44) | 41464-39-5 | mg/kg | 0.5 | ND |
| 2,2',4,6-四氯联苯(PCB50)  | 62796-65-0 | mg/kg | 0.5 | ND |
| 2,2',5,5'-四氯联苯(PCB52) | 35693-99-3 | mg/kg | 0.5 | ND |



SGS-CSI Standards Technical Services Co., Ltd.  
Guangzhou Branch: Standards Technical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 检测报告

编号: CANEC26019939902

日期: 2026 年 07 月 27 日

第 5 页, 共 11 页

| 检测项目                                  | CAS No.    | 单位    | MDL | A1 |
|---------------------------------------|------------|-------|-----|----|
| 2,2',4,5,5'-五氯联苯(PCB101)              | 37680-73-2 | mg/kg | 0.5 | ND |
| 2,3',4,4',5-五氯联苯(PCB118)              | 31508-00-6 | mg/kg | 0.5 | ND |
| 2,2',3,4,4',5'-六氯联苯(PCB138)           | 35065-28-2 | mg/kg | 0.5 | ND |
| 2,2',3,4',5',6-六氯联苯(PCB149)           | 38380-04-0 | mg/kg | 0.5 | ND |
| 2,2',4,4',5,5'-六氯联苯(PCB153)           | 35065-27-1 | mg/kg | 0.5 | ND |
| 2,2',3,4,4',5,5'-七氯联苯(PCB180)         | 35065-29-3 | mg/kg | 0.5 | ND |
| 2,2',3,3',4,4',5,5'-八氯联苯(PCB194)      | 35694-08-7 | mg/kg | 0.5 | ND |
| 2,2',3,3',4,4',5,5',6-九氯联苯(PCB206)    | 40186-72-9 | mg/kg | 0.5 | ND |
| 2,2',3,3',4,4',5,5',6,6'-十氯联苯(PCB209) | 2051-24-3  | mg/kg | 0.5 | 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。



SGS-CTC Standards Technical Services Co., Ltd.  
Guangzhou Branch, Inspection & Testing Services

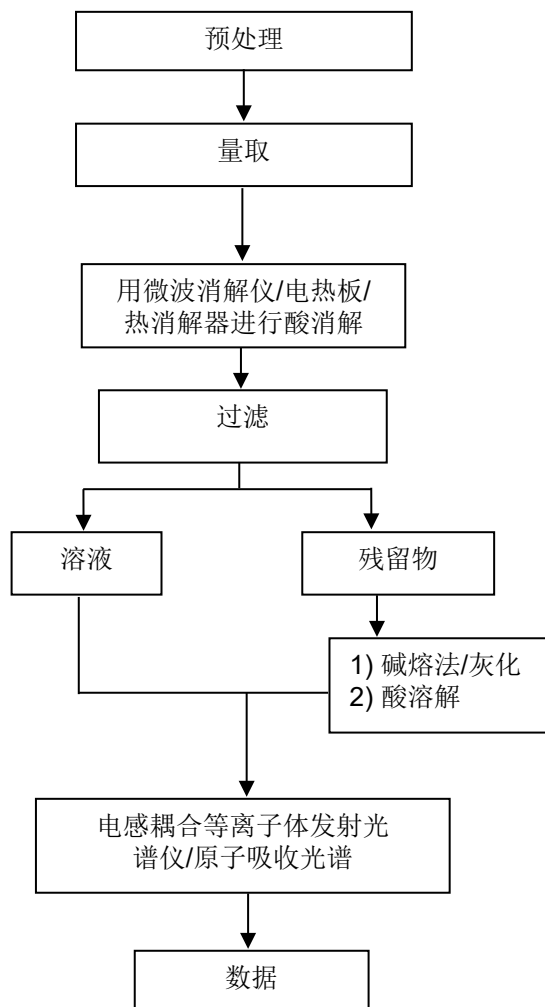
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

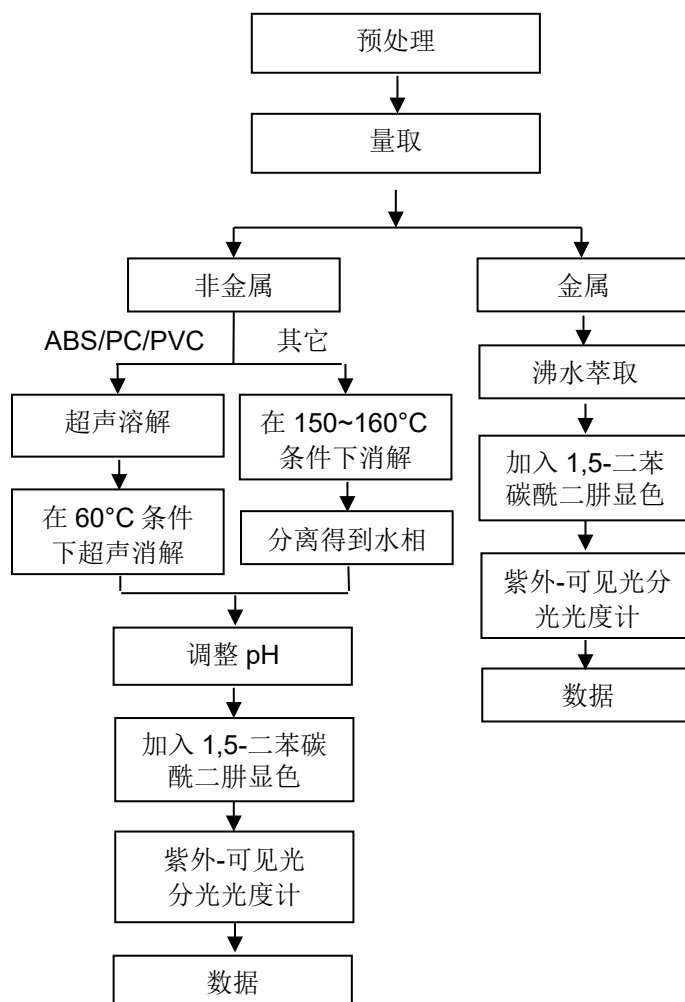
t (86-20) 82155555 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
t (86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## 元素检测流程图

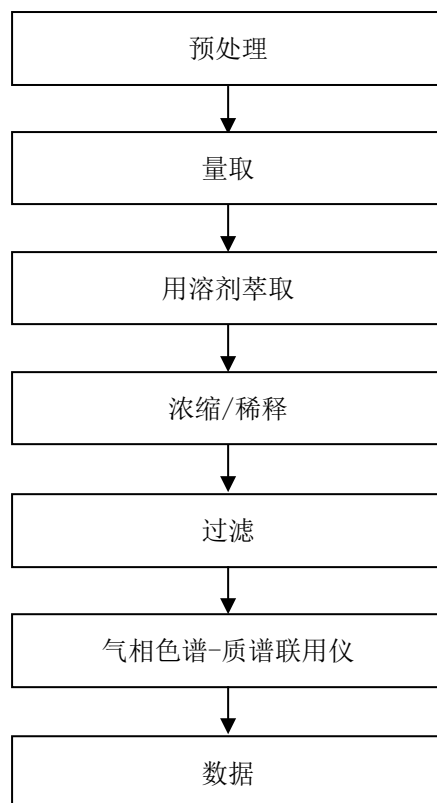
样品中的 Pb/Cd/Hg 按照下述流程被完全消解。



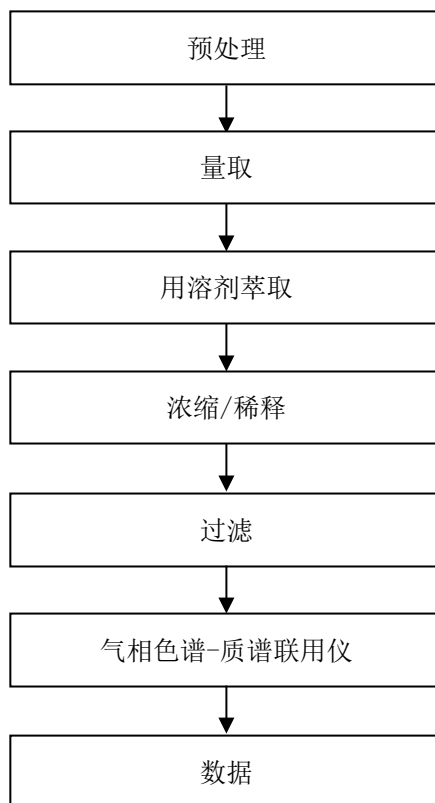
## 六价铬检测流程图



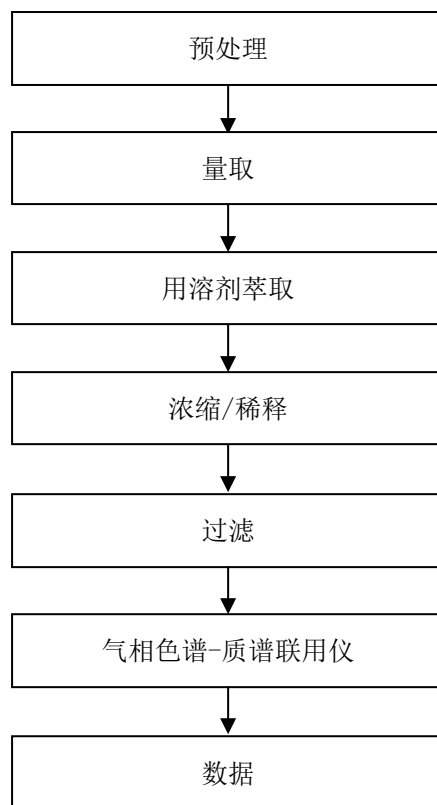
## PBB(s)/PBDE(s)/Phthalates 检测流程图



## HBCDD 检测流程图



## Phthalates 检测流程图



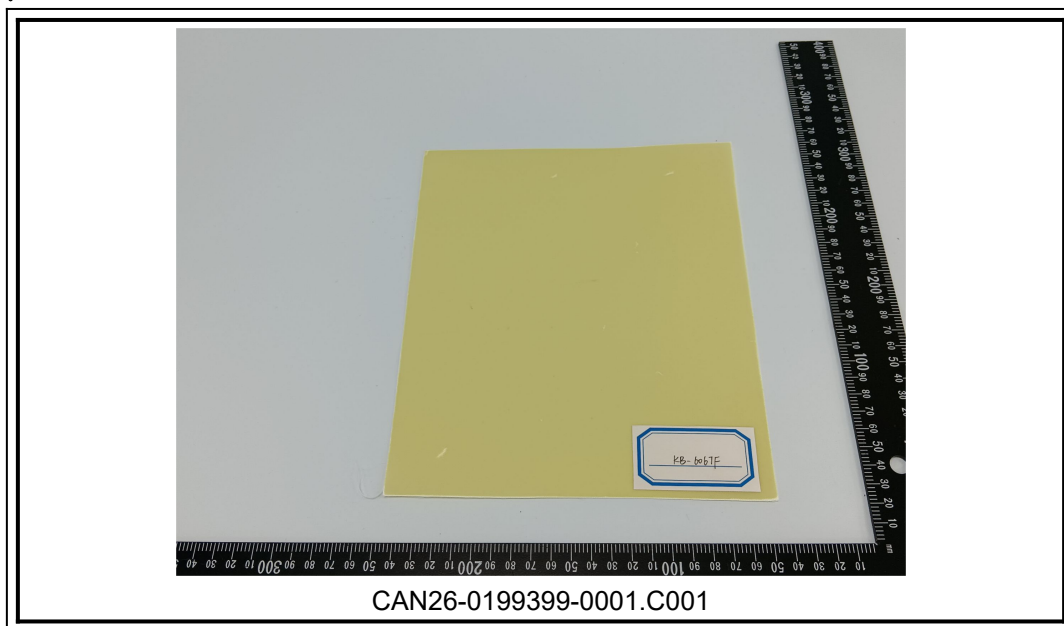
## 检测报告

编号: CANEC26019939902

日期: 2026 年 07 月 27 日

第 11 页, 共 11 页

样品照片:



此照片仅限于随 SGS 正本报告使用

\*\*\*报告结束\*\*\*



SGS-CSI Standards Technical Services Co., Ltd.  
Guangzhou Branch Technical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
t (86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Member of the SGS Group (SGS SA)