

检测报告 编号: CANEC25025677202 日期: 2025年10月29日 第1页,共27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厦二十三樓

样品名称: FR-4.1

型号: KB-6165G

客户参考信息: KB-6165GC,KB-6169GT, PI-515G

以上样品及信息由客户提供。

SGS 工作编号: GZP25-028835

样品接收时间: 2025年10月20日

检测周期: 2025年10月20日~2025年10月28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 |
| AfPS GS 2019:01 PAK-多环芳香烃 (PAHs) | 见检测结果 |
| 四溴双酚 A (TBBP-A) | 见检测结果 |
| 中链氯化石蜡(C14-C17) (MCCPs) | 见检测结果 |
| 石棉 | 见检测结果 |
| 双酚-A | 见检测结果 |
| 氯化石蜡 | 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



Jany Zhong 钟臻 批准签署人





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

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 t (86–20) 82155555



编号: CANEC25025677202

日期: 2025年10月29日

第2页,共27页

| 检测要求 | 结论 |
|--|-------|
| 富马酸二甲酯 (DMFu) | 见检测结果 |
| 甲醛 | 见检测结果 |
| 六溴环十二烷(HBCDD) | 见检测结果 |
| 有机锡化合物 | 见检测结果 |
| 邻苯二甲酸酯 | 见检测结果 |
| 聚氯乙烯 (PVC) | 见检测结果 |
| 美国环保署有毒物质控制法 (TSCA) 第 6 (h)节规定的持久性、生物累积性和毒性 (PBT) 化学物质 | 符合 |
| 卤素 | 见检测结果 |
| 红磷 | 见检测结果 |
| 多氯联苯(PCBs) | 见检测结果 |
| 多氯萘(PCNs) | 见检测结果 |
| 多氯三联苯(PCTs) | 见检测结果 |
| 元素分析 | 见检测结果 |

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 | CAN25-0256772-0001.C001 | 双面覆铜板 |

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

<u>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)</u>

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 | 11 |



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@gs.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 t (86–20) 82155555



编号: CANEC25025677202

日期: 2025年10月29日

第3页,共27页

| 检测项目 | 限值 | 单位 | MDL | A1 |
|------------------------|------|-------|-----|----|
| 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 |
| 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。

AfPS GS 2019:01 PAK-多环芳香烃 (PAHs)

检测方法: 参考 AfPS GS 2019:01 PAK, 采用 GC-MS 进行分析。

| 检测项目 | CAS No. | 单位 | MDL | A1 |
|--------------|----------|-------|-----|----|
| 苯并(a)芘 (BaP) | 50-32-8 | mg/kg | 0.1 | ND |
| 苯并(e)芘 (BeP) | 192-97-2 | mg/kg | 0.1 | ND |
| 苯并(a)蒽 (BaA) | 56-55-3 | ma/ka | 0.1 | ND |

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@gs.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 t (86–20) 82155555



编号: CANEC25025677202

日期: 2025年10月29日

第4页,共27页

| 检测项目 | CAS No. | 单位 | MDL | A1 |
|-------------------------------|----------|-------|-----|----|
| 苯并(b)荧蒽 (BbF) | 205-99-2 | mg/kg | 0.1 | ND |
| 苯并 (j) 荧蒽 (BjF) | 205-82-3 | mg/kg | 0.1 | ND |
| 苯并 (k)荧蒽 (BkF) | 207-08-9 | mg/kg | 0.1 | ND |
| 崫 (CHR) | 218-01-9 | mg/kg | 0.1 | ND |
| 二苯并(a,h)蒽 (DBA) | 53-70-3 | mg/kg | 0.1 | ND |
| 苯并(g,h,i)菲(二萘嵌苯) (BPE) | 191-24-2 | mg/kg | 0.1 | ND |
| 茚苯(1,2,3-c,d)芘 (IPY) | 193-39-5 | mg/kg | 0.1 | ND |
| 菲 (PHE) | 85-01-8 | mg/kg | 0.1 | ND |
| 芘 (PYR) | 129-00-0 | mg/kg | 0.1 | ND |
| 蒽 (ANT) | 120-12-7 | mg/kg | 0.1 | ND |
| 荧蒽 (FLT) | 206-44-0 | mg/kg | 0.1 | ND |
| 4 项多环芳香烃总和[菲 (PHE),芘 (PYR), | _ | mg/kg | _ | ND |
| 蔥 (ANT),荧蔥 (FLT)] | _ | mg/kg | _ | ND |
| 萘 (NAP) | 91-20-3 | mg/kg | 0.1 | ND |
| 15 项多环芳香烃总和 | - | mg/kg | - | ND |
| 材料分类 | - | - | - | - |

备注:

AfPS(德国产品安全委员会): 认证对多环芳香烃的要求

| AIPS(德国广前女主安贝? | , | | | r | |
|---|---|------------------------|------------------------|-----------------------------|------------------------|
| | 1 类 | 2 🗦 | 2 类 | | 类 |
| 参数 单位: mg/kg | 设计意图为放入口中的材料,或与皮肤长期接触(超过30秒)的材料用于-2009/48/EC定义 | | | 不属于第1和 图或可预见与 (不超过30和 | 皮肤短期接触 |
| | -2003/40/EO 足入 的玩具,或 -供3岁以下儿童 ^{a,b} 使用。 | a .供儿童 使用的产品 | b.其他产品 | a .供儿童 使用的产品 | b.其他产品 |
| 苯并(a)芘 (BaP) | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并(e)芘 (BeP) | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并(a)蒽 (BaA) | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并(b)荧蒽 (BbF) | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并(j)荧蒽 (BjF) | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并 (k)荧蒽 (BkF) | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 二苯并(a,h)蒽 (DBA) | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 苯并(g,h,i)菲(二萘嵌 苯) (BPE) | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 茚苯(1,2,3-c,d)芘 (IPY) | < 0.2 | < 0.2 | < 0.5 | < 0.5 | < 1 |
| 菲 (PHE),芘 (PYR),蒽 (ANT),荥 蒽 (FLT) | <1 (总和) | <5 (总和) | < 10 (总和) | < 20 (总和) | < 50 (总和) |
| 萘 (NAP) | < 1 | < : | 2 | < ' | 10 |



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@gs.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 t (86–20) 82155555



编号: CANEC25025677202

日期: 2025年10月29日

第5页,共27页

15 PAH 之和 <1 <5 <10 <20 <50

注释:

- a 儿童是指法定年龄未满 14 周岁的人。
- b供儿童使用包括儿童的主动接触或被动接触。
- 。"短期重复接触"的定义摘自 REACH 附录 XVII 第 50 条修正案 ((EC) No. 1272/2013)。
- ^d 根据德国产品安全法(ProdSG)(第一章第 2 条第 28 款)的定义,"可预见的使用"是指将产品投放市场的人无意但可以合理预见的方式使用产品。

备注:

德国产品安全委员会(AfPS)于 2020年4月10日发布了关于多环芳香烃(PAHs)的新文件(AfPS GS 2019:01 PAK),该文件将于 2020年7月1日起用于 GS-MARK 认证。

四溴双酚 A (TBBP-A)

检测方法: 参考 US EPA 3550C: 2007, 采用 GC-MS 或 LC-MS 或 LC-MS/MS 进行分析。

| 检测项目 | CAS No. | 单位 | MDL | A1 |
|----------------|---------|-------|-----|----|
| 四溴双酚 A(TBBP-A) | 79-94-7 | mg/kg | 5 | ND |

中链氯化石蜡(C14-C17) (MCCPs)

检测方法: 参考 ISO 22818:2021, 采用 GC-NCI-MS 进行分析。

| 检测项目 | CAS No. | 单位 | MDL | A1 |
|---|--------------------|-------|-----|----|
| 中链氯化石蜡(C ₁₄ -C ₁₇) (MCCPs) | 85535-85-9 和其 它 | mg/kg | 50 | ND |

石棉

检测方法: 参考 NIOSH 9000:2015 / NIOSH 9002:1994, 采用 XRD / PLM 进行分析。

| 检测项目 | CAS No. | 单位 | MDL | A1 |
|------|----------------------------|--------|-----|----|
| 温石棉 | 12001-29-5 /132207-32-0 | %(m/m) | 0.1 | 阴性 |
| 铁镁闪石 | 12172-73-5 | %(m/m) | 0.1 | 阴性 |
| 兰闪石 | 12001-28-4 | %(m/m) | 0.1 | 阴性 |
| 直闪石 | 77536-67-5 | %(m/m) | 0.1 | 阴性 |
| 透闪石 | 77536-68-6 | %(m/m) | 0.1 | 阴性 |
| 阳起石 | 77536-66-4 | %(m/m) | 0.1 | 阴性 |

备注:

(1) 阴性=未检出石棉,阳性=检出石棉

双酚-A



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 proof 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: CND poccheck@sss.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 t (86–20) 82155555



编号: CANEC25025677202

日期: 2025年10月29日

第6页,共27页

检测方法:

SGS 内部方法(GZTC CHEM-TOP-075-02, 参考 EPA 3550C:2007 和 EPA 8321B:2007),采用

HPLC-DAD/MS / LC-MS/MS 进行分析。

| 检测项目 | CAS No. | 单位 | MDL | A1 |
|------|---------|-------|-----|----|
| 双酚-A | 80-05-7 | mg/kg | 1.0 | ND |

氯化石蜡

检测方法: 参考 ISO 22818:2021,采用 GC-NCI-MS 进行分析。

| 检测项目 | CAS No. | 单位 | MDL | A1 |
|---|------------|-------|-----|----|
| 短链氯化石蜡(SCCP)(C ₁₀ -C ₁₃) | 85535-84-8 | mg/kg | 50 | ND |

富马酸二甲酯 (DMFu)

检测方法: 溶剂萃取,采用 GC-MS 进行分析。

| 检测项目 | CAS No. | 单位 | MDL | A1 |
|---------------|----------|-------|-----|----|
| 富马酸二甲酯 (DMFu) | 624-49-7 | mg/kg | 0.1 | ND |

甲醛

检测方法: 参考 ISO 14184-1:2011, 采用 UV-Vis 进行分析。

| 检测项目 | 单位 | MDL | A1 |
|------|-------|-----|----|
| 甲醛 | mg/kg | 16 | ND |

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)及其非对映异构 体(α-HBCDD, β-HBCDD, γ-HBCDD) | 134237-50-6 /134237-51-7 /134237-52-8 /25637-99-4 /3194-55-6 | mg/kg | 20 | ND |

有机锡化合物

检测方法: 参考 ISO 17353:2004,采用 GC-MS 进行分析。

| 检测项目 | 单位 | MDL | A1 |
|------------|-------|------|----|
| 二丁基锡(DBT) | mg/kg | 0.02 | ND |
| 三丁基锡 (TBT) | mg/kg | 0.02 | ND |
| 二辛基锡 (DOT) | mg/kg | 0.02 | ND |



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: Toc check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@gs.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



编号: CANEC25025677202

日期: 2025年10月29日

第7页,共27页

| 检测项目 | 单位 | MDL | A1 |
|---------------|-------|------|----|
| 三苯基锡 (TPhT) | mg/kg | 0.02 | ND |
| 三环己基锡 (TCyHT) | mg/kg | 0.02 | ND |
| 三甲基锡(TMT) | mg/kg | 0.02 | ND |
| 三辛基锡 (TOT) | mg/kg | 0.02 | ND |
| 三丙基锡(TPT) | mg/kg | 0.02 | 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 /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 /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 |
| 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 |



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@gs.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 w t (86–20) 82155555 s



编号: CANEC25025677202

日期: 2025年10月29日

第8页,共27页

| 检测项目 | CAS No. | 单位 | MDL | A1 |
|---------------------------------|------------|-------|-----|----|
| 邻苯二酸-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(DTDP) | 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)酯(DOTP) | 6422-86-2 | mg/kg | 50 | ND |
| 已二酸二异壬酯(DINA) | 33703-08-1 | mg/kg | 50 | ND |
| 邻苯二甲酸二(2-丙基庚)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)酯 (TOTM) | 3319-31-1 | mg/kg | 50 | ND |

聚氯乙烯 (PVC)

检测方法: SGS 内部方法 (SGS-CCL-TOP-066-01), 采用 FTIR/HATR 进行分析。

| 检测项目 | A1 |
|------------|----|
| 聚氯乙烯 (PVC) | 阴性 |

备注:

(1) 阴性=未检测到, 阳性=已检测到。

美国环保署有毒物质控制法 (TSCA) 第 6 (h)节规定的持久性、生物累积性和毒性 (PBT) 化学物质

检测方法: SGS 内部方法(SGS-CCL-TOP-149-07,参考 US EPA 方法 3550C:2007),采用 GC-MS 进行分析。

| 检测项目 | CAS No. | 限值 | 单位 | MDL | A1 |
|---------------------------|------------|-------|-------|-----|----|
| 十溴二苯醚 (Deca-BDE) | 1163-19-5 | 1000 | mg/kg | 5 | ND |
| 异丙基化磷酸三苯酯 (PIP 3:1) | 68937-41-7 | 1000 | mg/kg | 5 | ND |
| 2,4,6-三叔丁基苯酚 (2,4,6-TTBP) | 732-26-3 | 3000 | mg/kg | 5 | ND |
| 六氯丁二烯 (HCBD) | 87-68-3 | 禁用 | mg/kg | 5 | ND |
| 五氯苯硫酚 (PCTP) | 133-49-3 | 10000 | mg/kg | 5 | ND |
| 结论 | | | | | 符合 |

备注:

(1) 法规信息请参见下链接

https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals-under.

(2) 针对十溴二苯醚 (Deca-BDE)和异丙基化磷酸三苯酯 (PIP 3:1) 的规定于 2025 年 1 月 21 日生效。

实施实验室活动的地点: A. 广东省广州高新技术产业开发区科学城科珠路 198 号; B. 广东省广州市黄埔区开创大道 1501 号 3 栋 101 房



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 propt 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: CND poccheck@ss.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 t (86–20) 82155555



编号: CANEC25025677202

日期: 2025年10月29日

第9页,共27页

卤素

检测方法: 参考 EN 14582:2016, 采用 IC 进行分析。

| 检测项目 | 单位 | MDL | A1 |
|--------|-------|-----|-----|
| 氟 (F) | mg/kg | 20 | 829 |
| 氯 (CI) | mg/kg | 50 | 192 |
| 溴 (Br) | mg/kg | 50 | ND |
| 碘 (I) | mg/kg | 50 | ND |

红磷

检测方法: SGS 内部方法 (SGS-CCL-TOP-215-01),采用 PY-GC/MS/ ICP-OES / GC-MS 进行分析。

| 检测项目 | CAS No. | 单位 | MDL | A1 |
|------|-----------|-------|-----|----|
| 红磷 | 7723-14-0 | mg/kg | 500 | 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 |
|-------------------------------|------------|-------|-----|----|
| 2,4,4'-三氯联苯(PCB28) | 7012-37-5 | mg/kg | 0.5 | ND |
| 2,2',5,5'-四氯联苯(PCB52) | 35693-99-3 | mg/kg | 0.5 | ND |
| 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',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 |

多氯萘(PCNs)

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 |
|---------------|------------|-------|-----|----|
| 1-一氯萘 | 90-13-1 | mg/kg | 5 | ND |
| 2-一氯萘 | 91-58-7 | mg/kg | 5 | ND |
| 1,4-二氯萘 | 1825-31-6 | mg/kg | 5 | ND |
| 1,5-二氯萘 | 1825-30-5 | mg/kg | 5 | ND |
| 1,2-二氯萘 | 2050-69-3 | mg/kg | 5 | ND |
| 1,8-二氯萘 | 2050-74-0 | mg/kg | 5 | ND |
| 1,2,3-三氯萘 | 50402-52-3 | mg/kg | 5 | ND |
| 1,2,3,4-四氯萘 | 20020-02-4 | mg/kg | 5 | ND |
| 1,2,3,4,6-五氯萘 | 67922-26-3 | mg/kg | 5 | ND |



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@gs.com

No.198, Kezhu Read, 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 w t (86–20) 82155555 se



编号: CANEC25025677202

日期: 2025年10月29日

第10页,共27页

| 检测项目 | CAS No. | 单位 | MDL | A1 |
|------|-----------|-------|-----|----|
| 八氯萘 | 2234-13-1 | mg/kg | 5 | ND |

多氯三联苯(PCTs)

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 |
|------------|------------|-------|-----|----|
| 多氯三联苯 5432 | 63496-31-1 | mg/kg | 5 | ND |
| 多氯三联苯 5442 | 12642-23-8 | mg/kg | 5 | ND |
| 多氯三联苯 5460 | 11126-42-4 | mg/kg | 5 | ND |

元素分析

检测方法: 参考 US EPA 3052:1996, 采用 ICP-OES/AAS 进行分析。

| 检测项目 | 单位 | MDL | A1 |
|-------|-------|-----|----|
| 砷(As) | mg/kg | 10 | ND |
| 铍(Be) | mg/kg | 5 | ND |
| 镍(Ni) | mg/kg | 5 | ND |
| 锑(Sb) | mg/kg | 10 | 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。



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: Toc check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@gs.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 t (86–20) 82155555



编号: CANEC25025677202

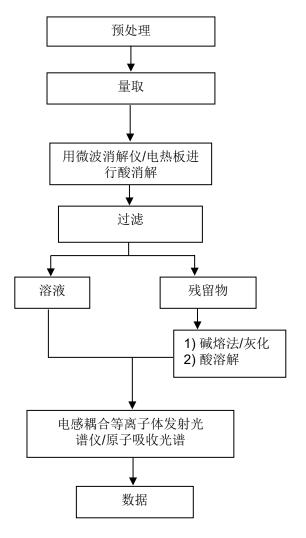
日期: 2025年10月29日

第11页,共27页

附件

元素检测流程图

样品按照下述流程被完全消解





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@gs.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 t (86–20) 82155555

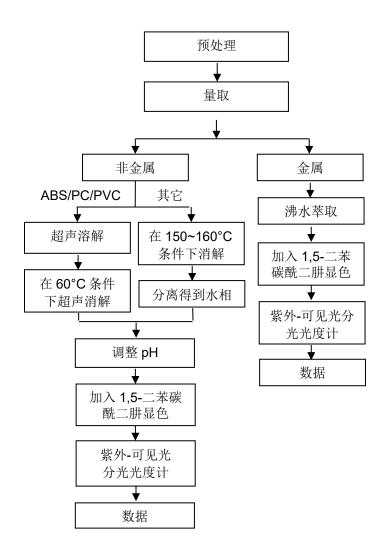


编号: CANEC25025677202

日期: 2025年10月29日

第12页,共27页

六价铬检测流程图





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 proport 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.

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 t (86–20) 82155555

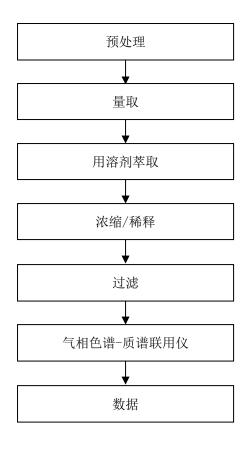


编号: CANEC25025677202

日期: 2025年10月29日

第13页,共27页

PBB(s)/PBDE(s)/Phthalates 检测流程图





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@gs.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 t (86–20) 82155555

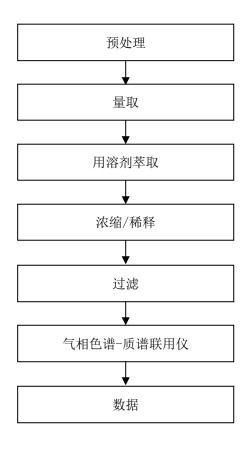


编号: CANEC25025677202

日期: 2025年10月29日

第14页,共27页

PAHs 检测流程图





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@gs.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 t (86–20) 82155555

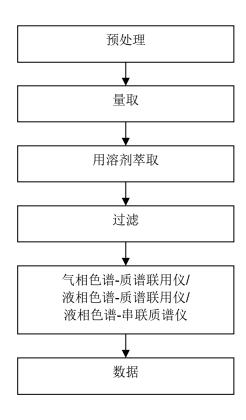


编号: CANEC25025677202

日期: 2025年10月29日

第15页,共27页

TBBP-A 检测流程图





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@gs.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 t (86–20) 82155555

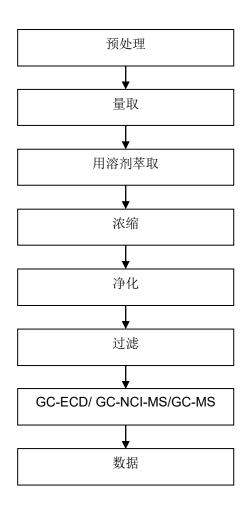


编号: CANEC25025677202

日期: 2025年10月29日

第16页,共27页

氯化石蜡检测流程图





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@gs.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 t (86–20) 82155555

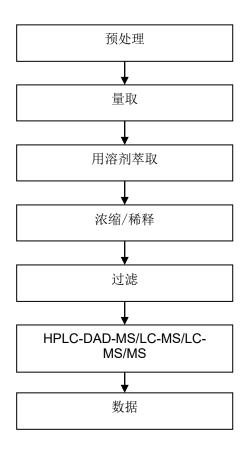


编号: CANEC25025677202

日期: 2025年10月29日

第17页,共27页

双酚类化合物检测流程图





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@gs.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 t (86–20) 82155555

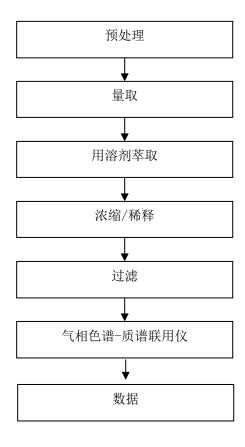


编号: CANEC25025677202

日期: 2025年10月29日

第18页,共27页

DMF(富马酸二甲酯)检测流程图





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@gs.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 t (86–20) 82155555

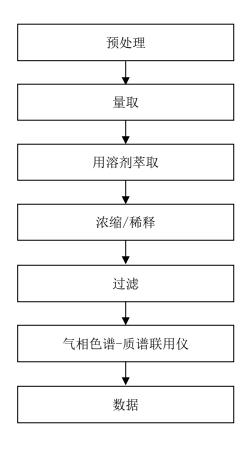


编号: CANEC25025677202

日期: 2025年10月29日

第19页,共27页

HBCDD 检测流程图





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@gs.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 t (86–20) 82155555

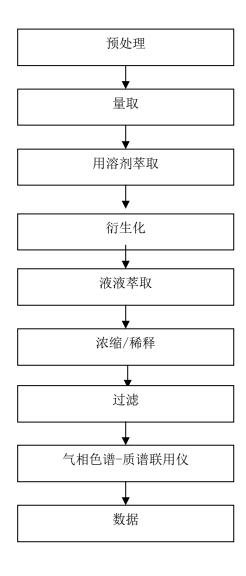


编号: CANEC25025677202

日期: 2025年10月29日

第20页,共27页

有机锡检测流程图





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@gs.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 t (86–20) 82155555

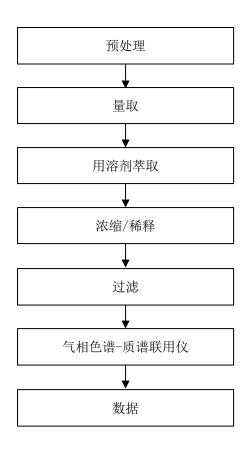


编号: CANEC25025677202

日期: 2025年10月29日

第21页,共27页

Phthalates 检测流程图





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@gs.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 t (86–20) 82155555

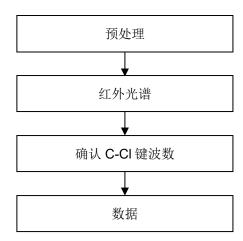


编号: CANEC25025677202

日期: 2025年10月29日

第22页,共27页

PVC 检测流程图





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@gs.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 t (86–20) 82155555

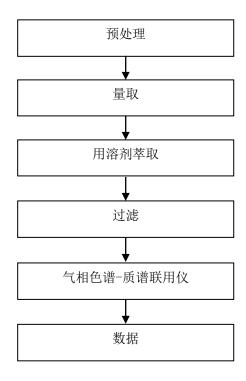


编号: CANEC25025677202

日期: 2025年10月29日

第23页,共27页

持久性、生物累积性和毒性(PBT)化学物质检测流程图





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@gs.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 t (86–20) 82155555

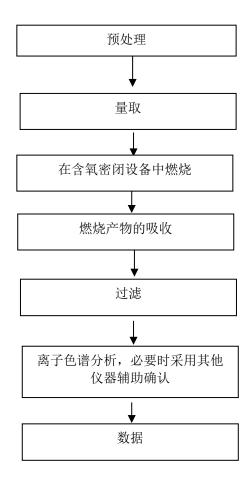


编号: CANEC25025677202

日期: 2025年10月29日

第24页,共27页

卤素检测流程图





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@gs.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 t (86–20) 82155555



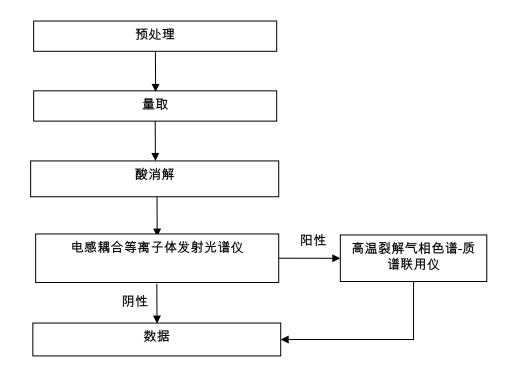
编号: CANEC25025677202

日期: 2025年10月29日

第25页,共27页

附件

红磷检测流程图





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@gs.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 t (86–20) 82155555

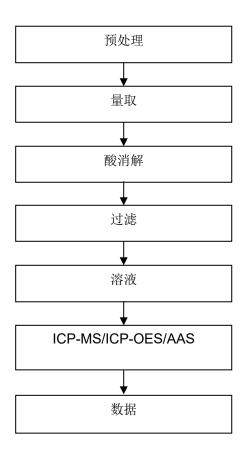


编号: CANEC25025677202

日期: 2025年10月29日

第26页,共27页

元素检测流程图





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@gs.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 t (86–20) 82155555



编号: CANEC25025677202

日期: 2025年10月29日

第27页,共27页

样品照片:



此照片仅限于随 SGS 正本报告使用 ***报告结束***



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@gs.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