

检测报告

编号: CANEC25025387501

日期: 2025 年 10 月 24 日

第 1 页, 共 8 页

客户名称: 深圳琦富瑞电子有限公司
客户地址: 深圳市光明新区公明街道楼村社区鲤鱼河工业园振兴路 5 号

样品名称: XLPO 电线电缆
型号: UL3321 22AWG 黑色
客户参考信息: 请见附件
以上样品及信息由客户提供。

SGS 工作编号: SZP25-052390
样品接收时间: 2025 年 10 月 16 日
检测周期: 2025 年 10 月 16 日 ~ 2025 年 10 月 22 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 |

通标标准技术服务有限公司广州分公司
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史丽兰

Violet Shi 史丽兰
批准签署人

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32FDC779



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 | CAN25-0253875-0001.C001 | 黑色线皮 |

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 | 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 | 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 |



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第 3 页, 共 8 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。

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。



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Guangzhou Branch Technical Laboratory

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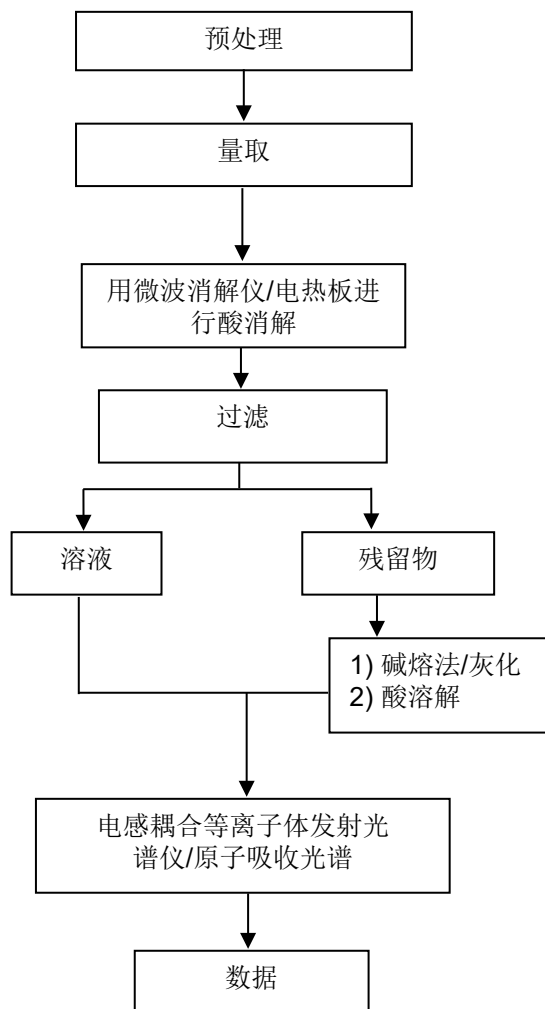
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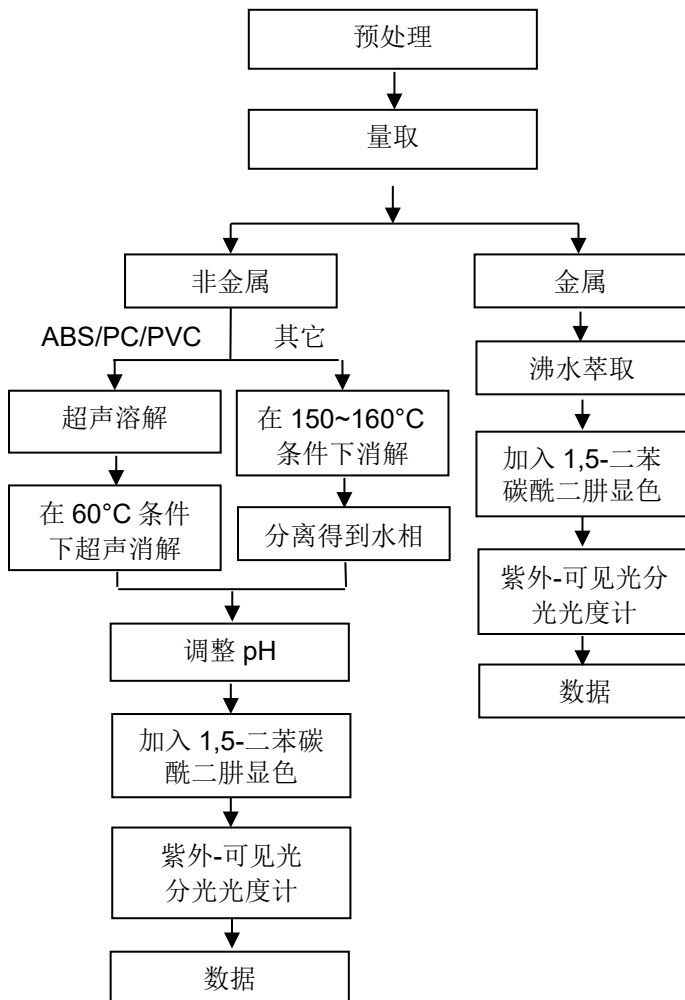
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元素检测流程图

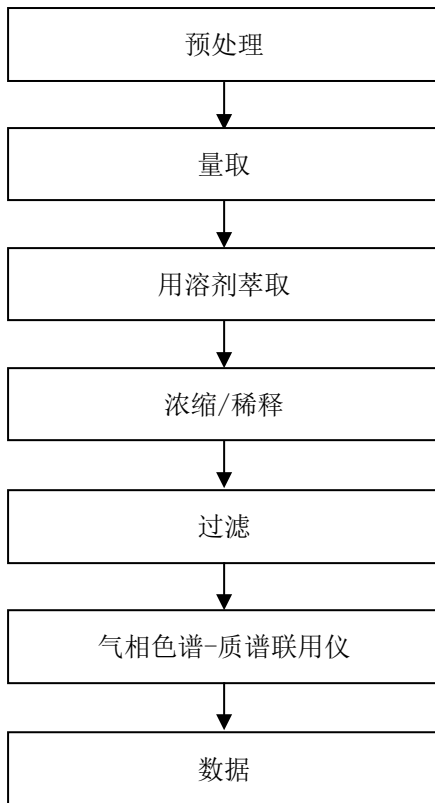
样品按照下述流程被完全消解



六价铬检测流程图



PBB(s)/PBDE(s)/Phthalates 检测流程图



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日期: 2025年10月24日

第7页, 共8页

附件:

1385、1505、1764、2679、3194、3195、3196、3199、3302、3312、3368、3376、3377、
3385、3456、3463、3464、3564、3167、3173、3182、3236、3265、3266、3271、3288、
HP3239、3289、3290、3295、3297、3298、3300、3301、3320、3321、3328、3331、3343、
3344、3346、3351、3352、3386、3398、3415、3417、3423、3424、3435、3436、3440、
3447、3448、3469、3472、3473、3485、3491、3492、3505、3569、3584、3596、3597、
3598、3599、3613、3633、3688、3691、4413、10368、10193、10266、1914、2951、
10530、20346、3406、3613、3633、3816、3817、10267、3505、RHH、XHHW、RHW-2、
SIS、XHH、XHHW、XHHW-2、QFR-10634、QFR-11092、FLR12Y、FLR13Y、QB-C、QB-D、
FL2X、FLR2X、FLR31Y、FLU2X-A、FHLR2X-B、FLR21X-A、QFR-XNY、EEHX、FHLR91X-A、
FHLR91X-B、FLR2Y-A、QCB-C、ATEEX、FLR91X-A、FLR91X-B、MIL-DTL-16878-36A (NAVY)、
WDZB-BYJR(F)、WXC、HDPE、FL2Y、QFR-0815、QFR-125、GXL、SXL、TXL、SGX、GPTH、
JYJ-125、JYJ-150、AEX、AESSX、H05Z-K、H07Z-K、QFR-0818、QFR-1011、QFR-1412、
QFR-1920、WDZ-YJY、QFR-1920、JET3173、JET3266、JET3385、JET3386、JET10368、
JET3271、MIL-W-81044-6、MIL-W-81044-12、16878-10E、16878-14B、16878-15B、16878-16C、
16878-36、QBJ-C、DCEK、CHFUS、EV、FHLR9Y、FLALR2X、T3、FL42X、E-105/T、TX、TY、
YN/XLPO 150V,300V,600V; E-125/TX、TY、YN/XLPO 150V,300V,600V; E-150/TX、
TY、TN/XLPO 150V,300V,600V; CQC XLPE wire; and Xlpe tube and XLPE wire and cable series



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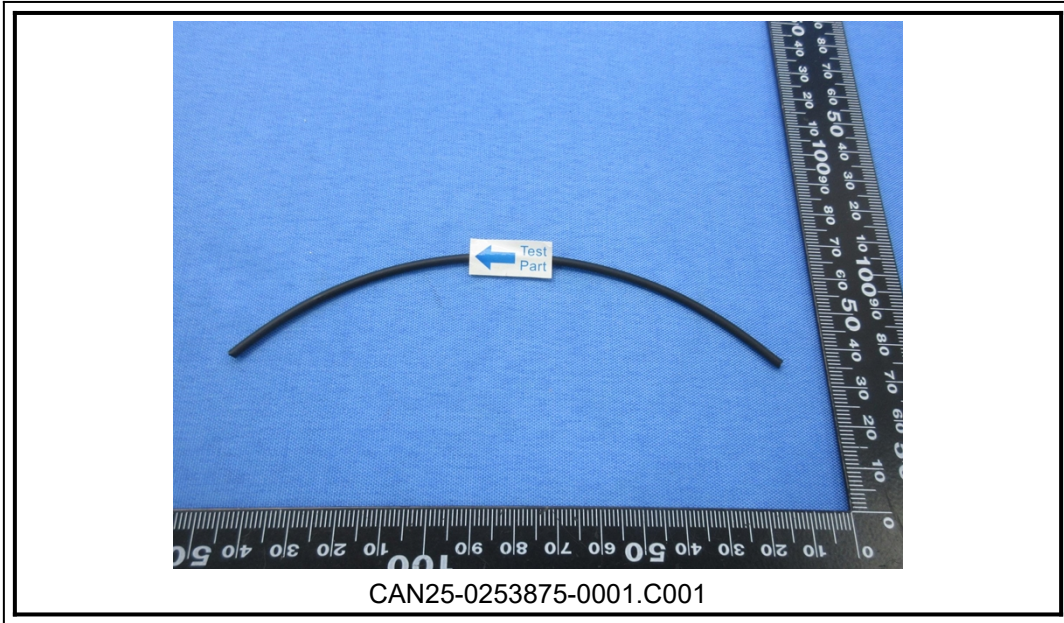
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第 8 页, 共 8 页

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