

## 检测报告

编号: CANEC23014677518

日期: 2023年11月30日

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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区振兴路5号

样品名称: PVC wire and cable  
型号: UL1569 24AWG 橙色  
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: SZP23-028809  
样品接收时间: 2023年11月22日  
检测周期: 2023年11月22日 ~ 2023年11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(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

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Annie Ren 任婷  
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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	A9	CAN23-0146775-0001.C009	橙色塑胶外皮

**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(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+AMD1:2017, 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	A9
镉 (Cd)	100	mg/kg	2	ND
铅 (Pb)	1000	mg/kg	2	6
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(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(PBDEs)	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	A9
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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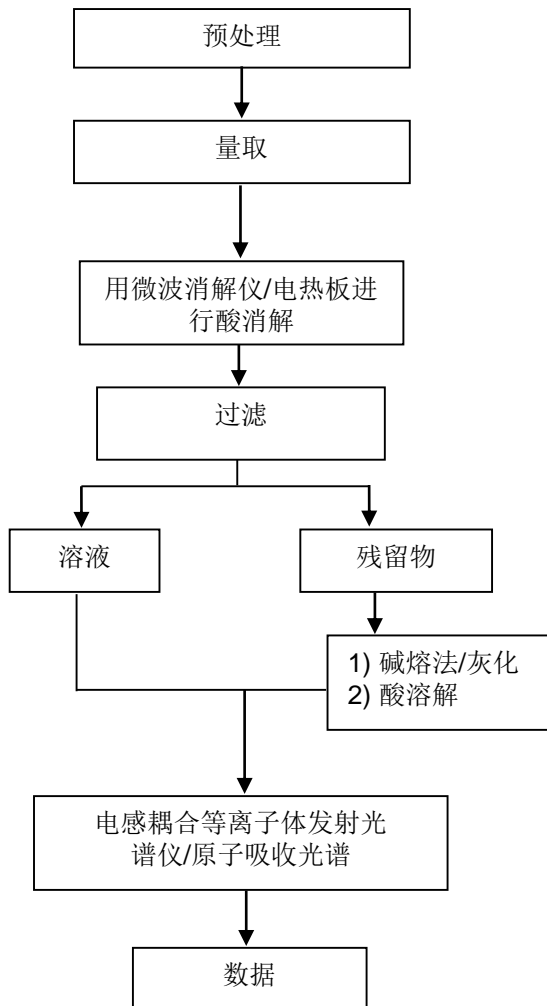
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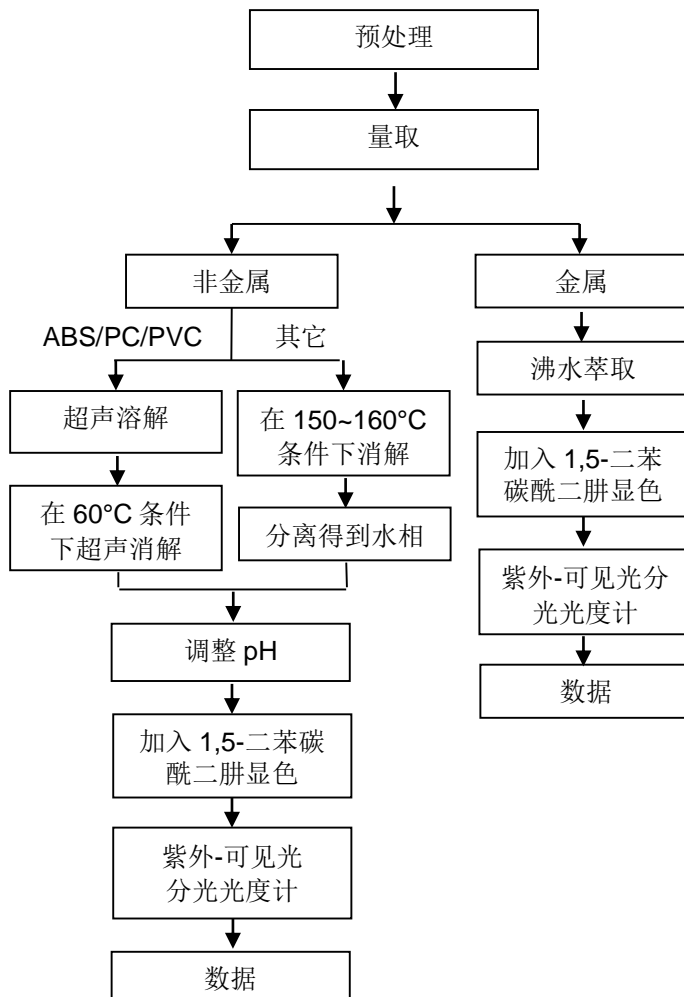
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### 元素检测流程图

样品按照下述流程被完全消解

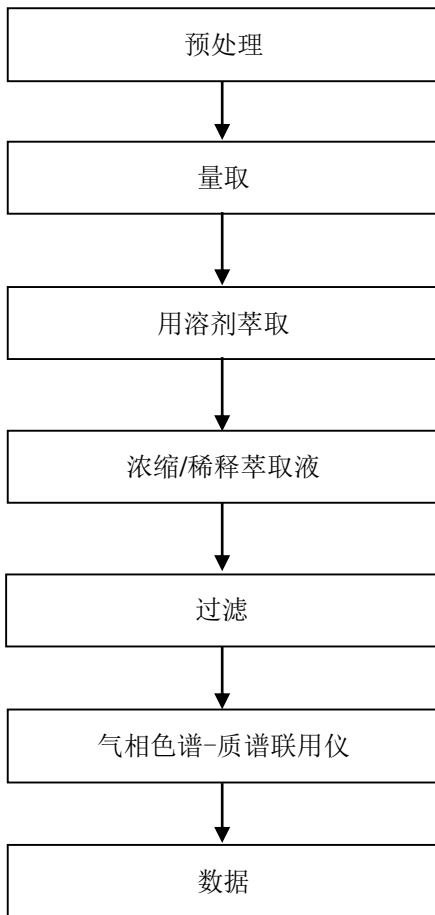


### 六价铬检测流程图

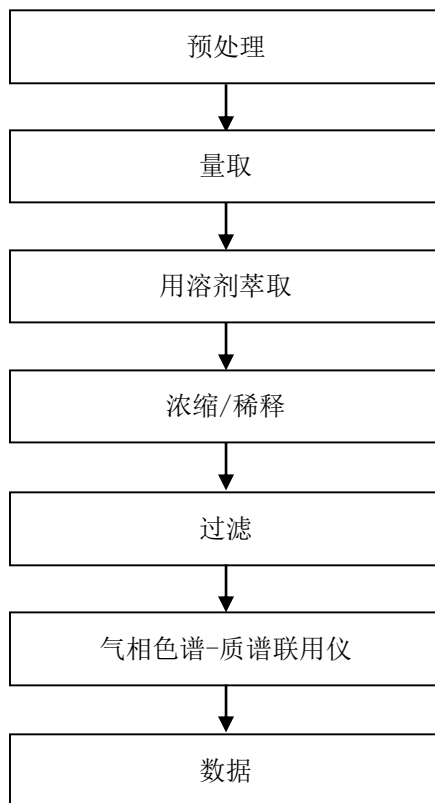




### PBBs/PBDEs 检测流程图



### Phthalates 检测流程图



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附件:

1007、1010、1013、1015、1017、1020、1021、1022、1023、1024、1026、1027、1028、1040、  
1041、1043、1054、1055、1056、1061、1095、1207、1211、1220、1230、1233、1234、1235、1236、  
1237、1238、1239、1265、1266、1275、1283、1284、1308、1314、1316、1452、1569、1571、1589、  
1617、1618、1672、1764、2038、2095、2096、2101、2102、2103、2127、2129、2265、2343、2344、  
2345、2346、2384、2385、2386、2387、2388、2448、2463、2464、2468、2490、2493、2501、2502、  
2516、2517、2532、2550、2560、2569、2570、2571、2574、2576、2584、2586、2587、2589、2598、  
2614、2626、2630、2631、2637、2651、2653、2654、2655、2656、2660、2661、2662、2668、2679、  
2704、2709、2722、2726、2733、QFR、2754、2919、2990、3463、3482、10024、10053、10070、  
10076、10198、10269、20276、20293、20294、20295、20478、20480、20482、21014、1429、1430、  
1431、3314、3315、3443、3453、3454、3558、3611、10093、10097、10183、10271、1032、10346  
10347、11627、MTW/TEW1015、60227IEC01 (BV)、60227IEC02 (RV)、60227IEC05 (BV)、  
60227IEC06 (RV)、60227IEC08(RV-90)、VDE WIRE、QB-A、QB-B、AVR、HDT、STT、SGT、  
GPT、TWP、FLRY、FLY、FLRYW、FLRX、FLR9Y、FLRW、MIL-W-76、16878/1C、16878/2C、16878/3C、  
16878/17B、AV、BVR、AVS、AVSS、AVSX、AVSSH、CAV、CAVS、CAVUS、EB、HEB、HEBX、  
HDEB、AVXS、AVX、AVFX、EBX、AVF、QVR、GB.AV.300/300V、GB.RVS.300/300V、TVSSX、  
MTW、MTW/TEW1015、H05V-K、H07V-K、E-80/T,TX,TY,TN/PVC 150V,300V、600V、FLALYW、  
R2、60227 IEC 52 (RVV)、60227 IEC 53 (RVV)、FHLRY、E-105/T,TX,TY,TN/PVC 150V,300V,600V、  
EBB-80/T,TX/PVC 150V、CQC PVC wire and PVC TUBE



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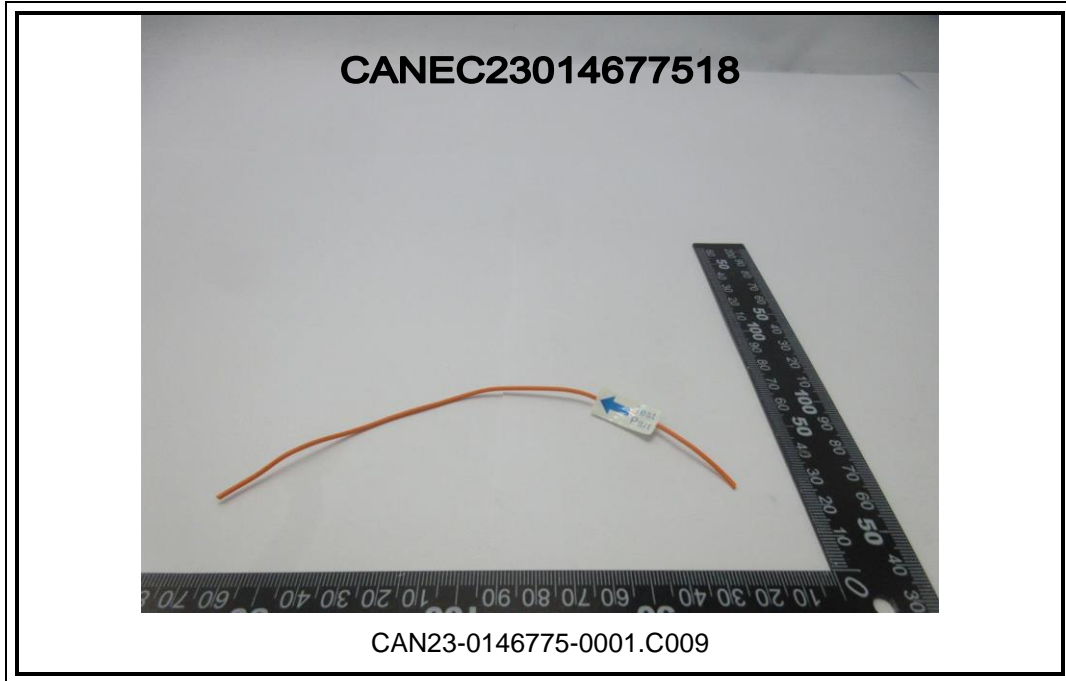
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