检测报告

编号：CANEC26026462946　　**日期：**2026 年 10 月 13 日　　

客户名称：　广州市添鑫光电有限公司

客户地址：　广州市花都区花东镇秀塘村金谷南路 15 号之一

样品名称：　高功率 COB LED

以上样品及信息由客户提供。

SGS 工作编号：　GZP26-029299

样品接收时间：　2026 年 09 月 14 日

检测周期：　2026 年 09 月 14 日 ~ 2026 年 10 月 08 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

授权签名

叶士龙

Arsene Ye 叶士龙

批准签署人

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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	A15	CAN26-0264629-0001.C015	带芯片的无色透明/白色/黄色软物料
SN2	A16	CAN26-0264629-0001.C016	银色/铜色片
SN3	A17	CAN26-0264629-0001.C017	白色液体

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	A15	A16
铅 (Pb)	1000	mg/kg	2	ND	16
汞 (Hg)	1000	mg/kg	2	ND	ND
镉 (Cd)	100	mg/kg	2	ND	ND
六价铬 (Cr(VI))	1000	mg/kg	8	ND	ND
多溴联苯之和 (PBB)	1000	mg/kg	-	ND	ND
一溴联苯 (MonoBB)	-	mg/kg	25	ND	ND
二溴联苯 (DiBB)	-	mg/kg	25	ND	ND
三溴联苯 (TriBB)	-	mg/kg	25	ND	ND
四溴联苯 (TetraBB)	-	mg/kg	25	ND	ND
五溴联苯 (PentaBB)	-	mg/kg	25	ND	ND
六溴联苯 (HexaBB)	-	mg/kg	25	ND	ND
七溴联苯 (HeptaBB)	-	mg/kg	25	ND	ND
八溴联苯 (OctaBB)	-	mg/kg	25	ND	ND
九溴联苯 (NonaBB)	-	mg/kg	25	ND	ND
十溴联苯 (DecaBB)	-	mg/kg	25	ND	ND
多溴二苯醚之和 (PBDE)	1000	mg/kg	-	ND	ND
一溴二苯醚 (MonoBDE)	-	mg/kg	25	ND	ND
二溴二苯醚 (DiBDE)	-	mg/kg	25	ND	ND
三溴二苯醚 (TriBDE)	-	mg/kg	25	ND	ND
四溴二苯醚 (TetraBDE)	-	mg/kg	25	ND	ND
五溴二苯醚 (PentaBDE)	-	mg/kg	25	ND	ND

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检测项目	限值	单位	MDL	A15	A16
六溴二苯醚 (HexaBDE)	-	mg/kg	25	ND	ND
七溴二苯醚 (HeptaBDE)	-	mg/kg	25	ND	ND
八溴二苯醚 (OctaBDE)	-	mg/kg	25	ND	ND
九溴二苯醚 (NonaBDE)	-	mg/kg	25	ND	ND
十溴二苯醚 (DecaBDE)	-	mg/kg	25	ND	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	1000	mg/kg	50	ND	ND
邻苯二甲酸丁苄酯 (BBP)	1000	mg/kg	50	ND	ND
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND	ND
邻苯二甲酸二异丁酯 (DIBP)	1000	mg/kg	50	ND	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。

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	A17
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

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检测项目	限值	单位	MDL	A17
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。

(4)所示结果为烘干样品总重量中的含量。

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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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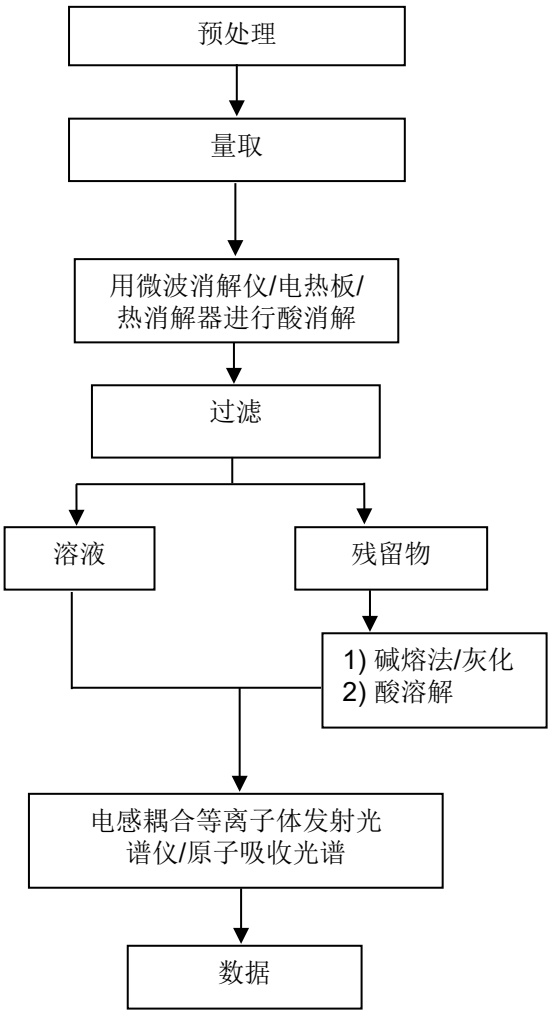
附件

元素检测流程图

样品中的 Pb/Cd/Hg 按照下述流程被完全消解。



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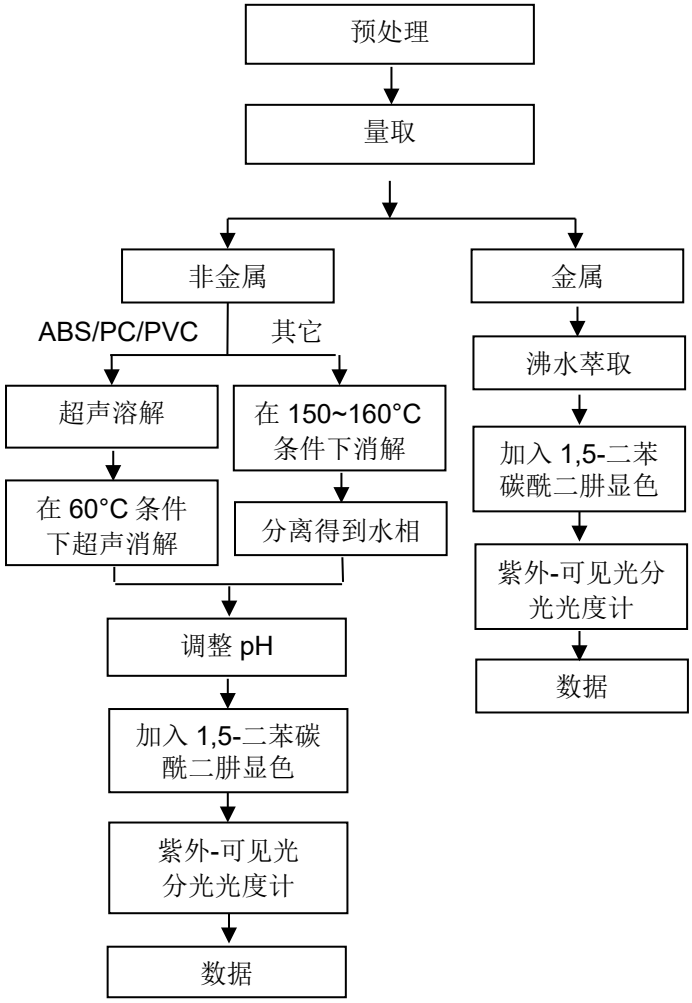
六价铬检测流程图



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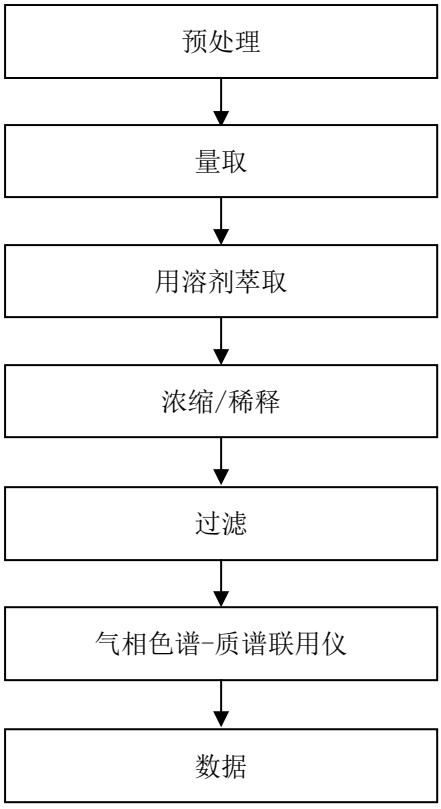
PBB(s)/PBDE(s)/Phthalates 检测流程图



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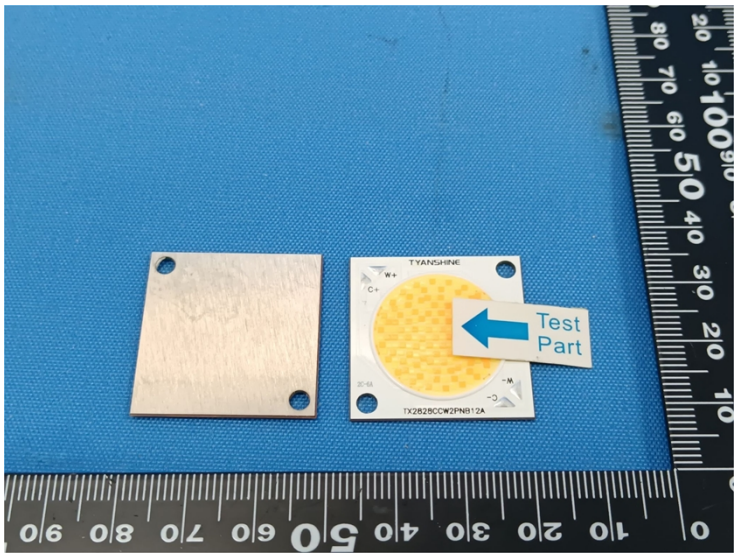
样品照片：



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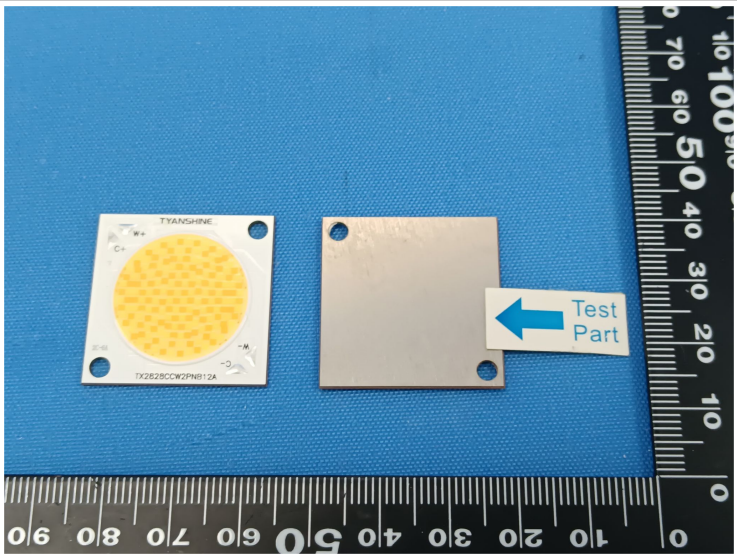

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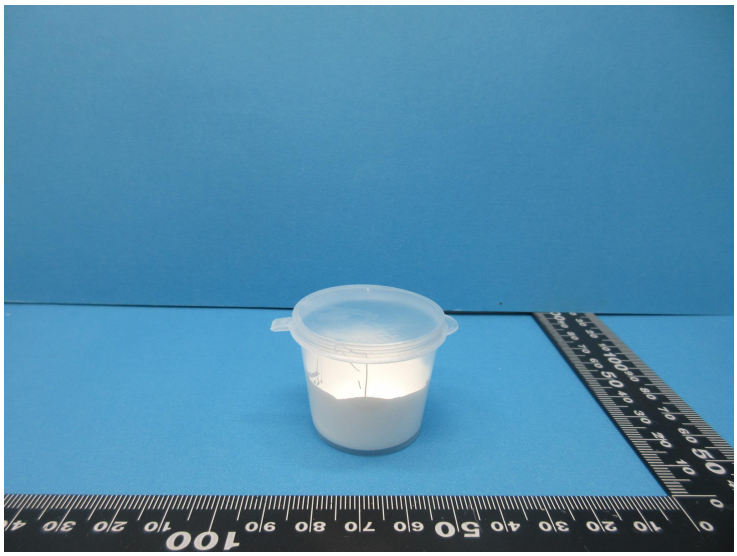

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