

检测报告

编号: CANEC25011880810

日期: 2025 年 05 月 29 日

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客户名称: 江苏长晶科技股份有限公司

客户地址: 中国(江苏)自由贸易试验区南京片区研创园腾飞大厦 C 座 13 楼

样品名称: 半导体元件

型号: SOT-23

客户参考信息: DFN、PDFN、SOD-123/323/523/723/923/123FL、SOP8/14/16/18/20/24、SOT-23 (-XL) /89 (-XL) /143/223/323/343/353/363/523/553/563/723、TO-92/92L/92S/92MOD/126/220 (-XL) /220A/220F/227/247/251/251S/252 (-XL) /263/277/3P、TSSOP8、FBP、CSP、QFN、TSOT、WBFBP、WBHFBP、MSOP8、ESOP8、DIP8/14/16/18、SOP8PP、SOP10、TSSOP14、ETSSOP16、WBLGA6×6-44L、6GBJ、ABS、DB、DBS、GBJ、GBL、GBP、GBU、JBF、JBSL、KBL、KBP、KBU、KBJ、MBF、MBS、SMA、SMAF、SMAG、SMAJ、SMB、SMBF、SMBG、SMBJ、SMC、SMCG、SMD、R-1、R-6、A-405、DO-15、DO-27、DO-41、UMSB、SOD-123HE、TO-220F-B、TO-220-2L、TO-220F-2L、TO-247-3L、TO-247-2L、4GBJ、D3K、TO-92K/126K/220AK/220BK/220CK/220FK/262K/263K/3PK/247K/252-2LK、SOT-223-3LK、SOT-23-3LK、SOT-89K

以上样品及信息由客户提供。

SGS 工作编号: GZP25-014006

参考编号: SHP25-016350

样品接收时间: 2025 年 05 月 22 日

检测周期: 2025 年 05 月 22 日 ~ 2025 年 05 月 29 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。

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

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Guangzhou Branch Technical Services Laboratory

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检测要求	结论
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

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	A3	CAN25-0118808-0001.C003	"半导体元件"

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

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	A3
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。

备注: 本报告中的测试结果和图片引用自报告 CANEC25011880808。

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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Guangzhou Branch/广州分公司/化学实验室

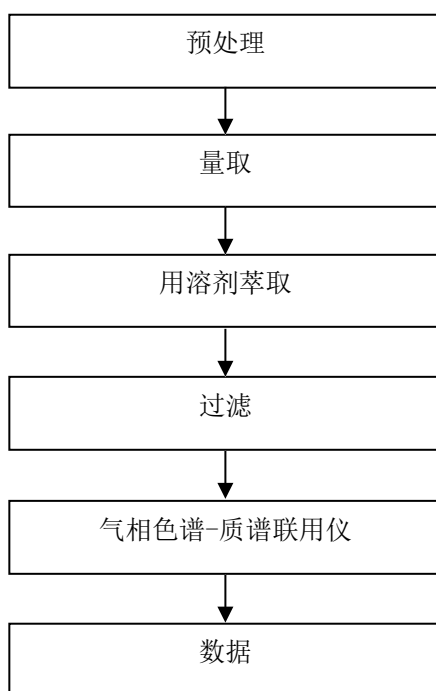
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持久性、生物累积性和毒性 (PBT) 化学物质检测流程图



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样品照片:



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报告结束



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