

检测报告
Test Report报告编号 A2250565191101001E
Report No. A2250565191101001E第1页 共8页
Page 1 of 8

报告抬头公司名称 江苏晟驰微电子有限公司

Company Name JIANGSU SEMICON CHAMPION MICROELECTRONICS CO.,LTD

shown on Report

地址 江苏省海安市经济开发区康华路 55 号

Address NO. 55 KANGHUA ROAD,HAI'AN ECONOMIC DEVELOPMENT AREA,
JIANGSU PROVINCE

以下测试之样品及样品信息由申请者提供并确认

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant样品名称 Sample Name ESD 二极管 Electrostatic Discharge Diode
样品型号 Model No. AW 系列 SOD-523 SOD-323 SOT23-6L SOT-23 DFN1006-2L DFN2510P10
DFN1610-2L DFN1610-6L SOT-143 SOP-8 DFN0603-2L DWN0603-2L
SOD-923 SOT-353 SOT-363 SOT-563 SOT-523 DFN3514P14
DFN2X2-3L(DFN2020-3L) SOT-553

样品接收日期 2025.08.05

Sample Received Date Aug. 5, 2025

样品检测日期 2025.08.05-2025.08.08

Testing Period Aug. 5, 2025 to Aug. 8, 2025

检测要求

根据欧盟指令 2000/53/EC*及客户的要求, 对所提交样品中的铅(Pb), 镉(Cd), 汞(Hg), 六价铬(Cr(VI)), 多溴联苯(PBBs), 多溴二苯醚(PBDEs)进行测试。

*欧盟指令 2000/53/EC 即 ELV 指令, 该指令对汽车所使用的部件和材料中特定有毒有害物质铅(Pb), 镉(Cd), 汞(Hg), 六价铬(Cr(VI))限制使用。

Test Requested

According to ELV Directive 2000/53/EC* and as specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs) in the submitted sample(s).

*2000/53/EC is the End-of-Life Vehicle Directive (ELV), which focuses on restriction of the use of certain hazardous substances (Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)) in the materials and components of vehicles.

检测依据/检测结果

请参见下页。

Test Method/Test Result(s) Please refer to the following page(s).

日期

2025.08.08

Date



Approved by

陈利娟

陈利娟

授权签字人 Lab Authorized Signatory

上海华测品标检测技术有限公司

Centre Testing International Pinbiao(Shanghai) Co., Ltd.

No. R295822643

上海市闵行区万芳路 1351 号

No.1351, Wanfang Road, Minhang District, Shanghai, China

检测报告 Test Report

报告编号 A2250565191101001E
Report No. A2250565191101001E

第2页 共 8 页
Page 2 of 8

结论 Conclusion

测试样品 Tested Sample	依据标准/指令 According to standard/directive	结果 Result
提交样品 Submitted Sample	2000/53/EC	符合 PASS

符合表示检测结果满足欧盟指令2000/53/EC要求的限值。

PASS means that the results shown on the report comply with the limits set by ELV Directive 2000/53/EC.



检测报告 Test Report

报告编号 A2250565191101001E
Report No. A2250565191101001E

第3页 共 8 页
Page 3 of 8

检测依据 Test Method

测试项目 Tested Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)
铅 Lead (Pb)	IEC 62321-5:2013	ICP-OES
镉 Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
汞 Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
六价铬 Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017 和/或 IEC 62321-5:2013 测试总铬含量 IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
多溴联苯 Polybrominated Biphenyls (PBBs)	IEC 62321-12:2023	GC-MS
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-12:2023	GC-MS

检测结果 Test Result(s)

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL	限值 Limit
	001		
铅 Lead (Pb)	N.D.	2 mg/kg	1000 mg/kg
镉 Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
汞 Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
六价铬 Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg	1000 mg/kg

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL	限值 Limit
	001		
多溴联苯 Polybrominated Biphenyls (PBBs)			
一溴联苯 Monobromobiphenyl	N.D.	25 mg/kg	---
二溴联苯 Dibromobiphenyl	N.D.	25 mg/kg	
三溴联苯 Tribromobiphenyl	N.D.	25 mg/kg	
四溴联苯 Tetrabromobiphenyl	N.D.	25 mg/kg	
五溴联苯 Pentabromobiphenyl	N.D.	25 mg/kg	
六溴联苯 Hexabromobiphenyl	N.D.	25 mg/kg	
七溴联苯 Heptabromobiphenyl	N.D.	25 mg/kg	
八溴联苯 Octabromobiphenyl	N.D.	25 mg/kg	
九溴联苯 Nonabromobiphenyl	N.D.	25 mg/kg	
十溴联苯 Decabromobiphenyl	N.D.	25 mg/kg	

检测报告 Test Report

报告编号 A2250565191101001E
Report No. A2250565191101001E

第4页 共 8 页
Page 4 of 8

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL	限值 Limit
	001		
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)			
一溴二苯醚 Monobromodiphenyl ether	N.D.	25 mg/kg	---
二溴二苯醚 Dibromodiphenyl ether	N.D.	25 mg/kg	
三溴二苯醚 Tribromodiphenyl ether	N.D.	25 mg/kg	
四溴二苯醚 Tetrabromodiphenyl ether	N.D.	25 mg/kg	
五溴二苯醚 Pentabromodiphenyl ether	N.D.	25 mg/kg	
六溴二苯醚 Hexabromodiphenyl ether	N.D.	25 mg/kg	
七溴二苯醚 Heptabromodiphenyl ether	N.D.	25 mg/kg	
八溴二苯醚 Octabromodiphenyl ether	N.D.	25 mg/kg	
九溴二苯醚 Nonabromodiphenyl ether	N.D.	25 mg/kg	
十溴二苯醚 Decabromodiphenyl ether	N.D.	25 mg/kg	

样品/部位描述 Sample/Part Description

序号 No.	CTI 样品 ID CTI Sample ID	描述 Description
1	001	电子元器件（整体测试） Electronic components(Tested as a whole)

检测报告 Test Report

报告编号 A2250565191101001E
Report No. A2250565191101001E

第5页 共 8 页
Page 5 of 8

备注: 对于检测铅, 镉, 汞之样品已消解完全。
按照目前手段, 样品无法进一步拆分, 样品整体测试, 测试结果不代表整体测试样品中任何一种单一材质的含量。
根据客户声明, 本报告“样品信息”中的多信息原因可能包含(但不限于): 供给不同客户、销往不同的国家或地区、曾用名或多种物质的混合物等情况。
-N.D. = 未检出 (小于方法检出限)
-mg/kg = ppm = 百万分之一
-1000 mg/kg = 0.1%

Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.
The sample(s) was tested as a whole, because it' s impossible to disassemble or separate it by current equipment and technology. The result(s) shown on this report may be different from the content of any homogeneous material.
According to the client' s statement, the reasons for the multiple information in the “sample information” of this report may include (but are not limited to): supplying to different buyers, being sold to different countries or regions, former names, or mixtures of several substances.
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million
-1000 mg/kg = 0.1%

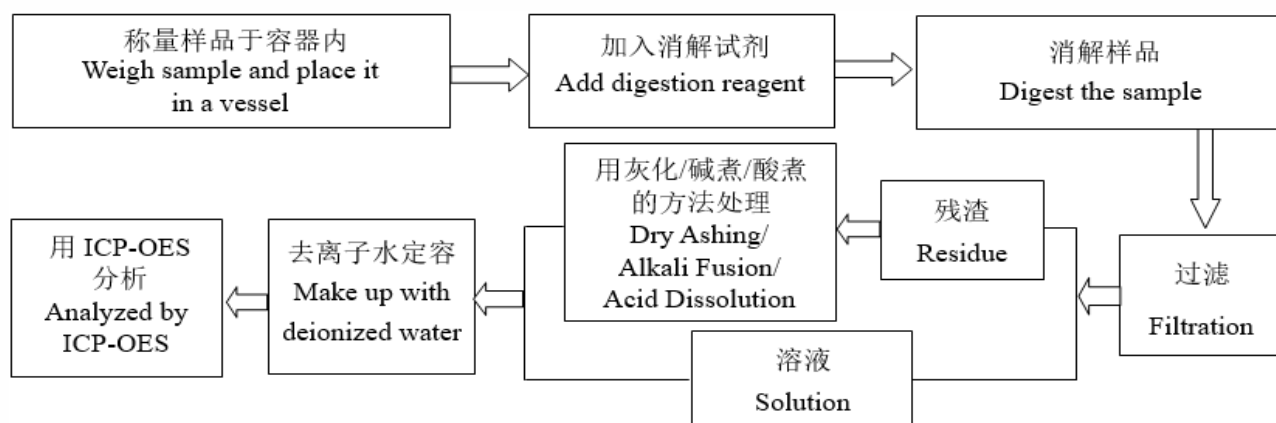
检测报告 Test Report

报告编号 A2250565191101001E
Report No. A2250565191101001E

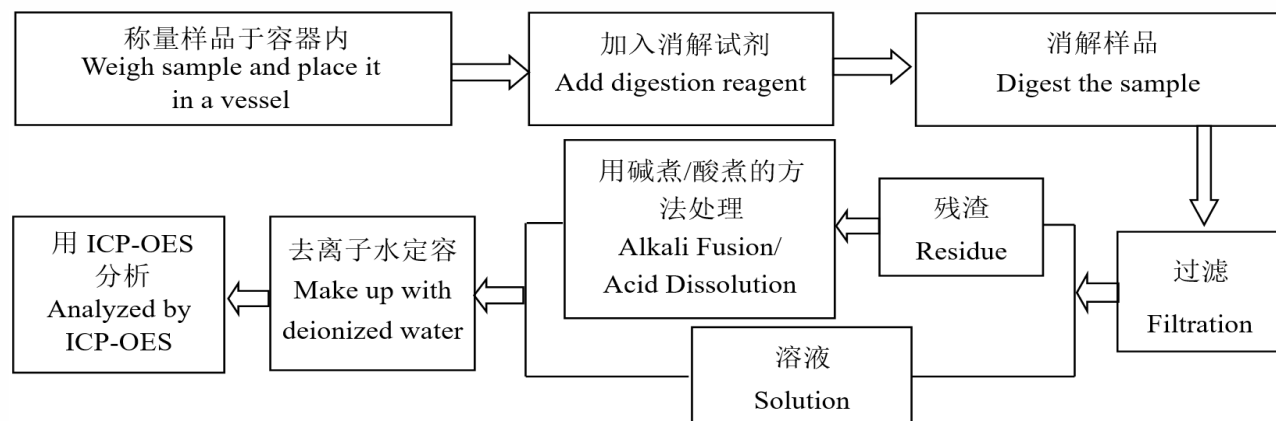
第6页 共 8 页
Page 6 of 8

检测流程 Test Process

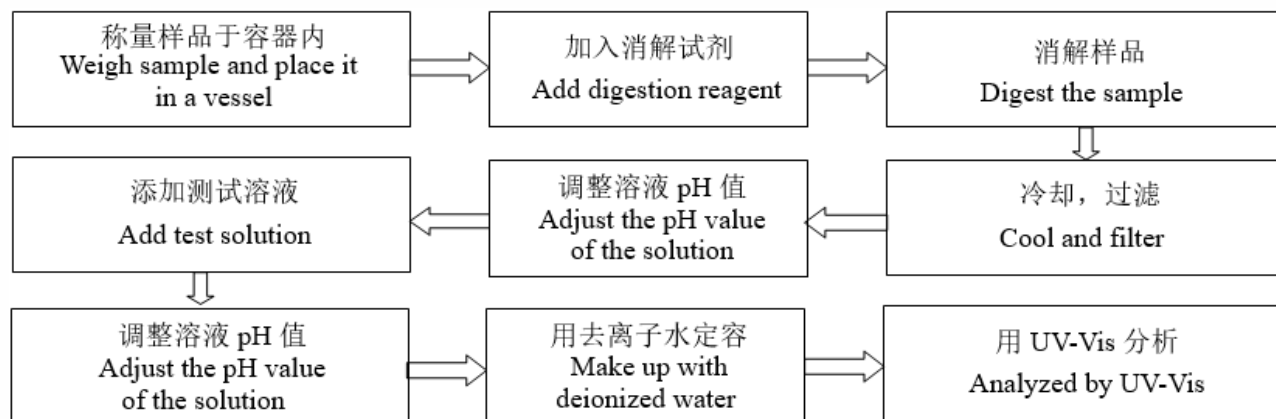
1. 铅 Lead (Pb), 镉 Cadmium (Cd), 铬 Chromium(Cr)



2. 汞 Mercury (Hg)



3. 六价铬 Hexavalent Chromium (Cr(VI))

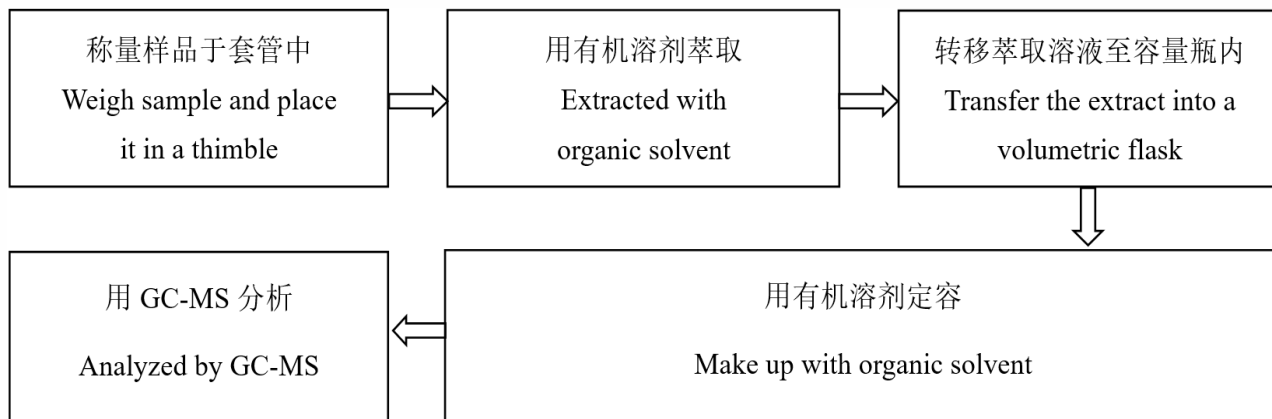


检测报告 Test Report

报告编号 A2250565191101001E
Report No. A2250565191101001E

第7页 共 8 页
Page 7 of 8

4. 多溴联苯 Polybrominated Biphenyls (PBBs), 多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)



检测报告 Test Report

报告编号 A2250565191101001E
Report No. A2250565191101001E

第8页 共 8 页
Page 8 of 8

样品图片

Photo(s) of the sample(s)



声明 Statement:

1. 检测报告无批准人签字、“专用章”及报告骑缝章无效;
This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. 报告抬头公司名称及地址、样品及样品信息由申请者提供, 申请者应对其真实性负责, CTI 未核实其真实性;
The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. 本报告检测结果仅对受测样品负责;
The result(s) shown in this report refer(s) only to the sample(s) tested;
4. 除非另有说明, 报告参照 ILAC-G8:09/2019 / CNAS-GL015:2022 使用简单接受 (w=0) 二元判定规则进行符合性判定;
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. 未经 CTI 书面同意, 不得部分复制本报告;
Without written approval of CTI, this report can't be reproduced except in full;
6. 如检测报告中的英文内容与中文内容有差异, 以中文为准。
In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

*** 报告结束 ***
*** End of Report ***