



# 检测报告

## Test Report

报告编号 A2250252364101001E  
Report No. A2250252364101001E

第 1 页 共 9 页  
Page 1 of 9

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

样品接收日期 2025.04.17  
**Sample Received Date** Apr. 17, 2025  
样品检测日期 2025.04.17-2025.04.19  
**Testing Period** Apr. 17, 2025 to Apr. 19, 2025

**检测要求** 根据客户要求, 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), 邻苯二甲酸酯(DBP, BBP, DEHP, DIBP)进行测试。

**Test Requested** As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP) in the submitted sample(s).

**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).

批 准

Approved by

陈凯敏

实验室经理 Lab Manager

日 期

Date

2025.04.19

上海华测品标检测技术有限公司

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

检验检测专用章  
Inspection & Testing Services

No. R794241465

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 A2250252364101001E  
Report No. A2250252364101001E

第 2 页 共 9 页  
Page 2 of 9

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

# 检测报告 Test Report

报告编号 A2250252364101001E  
Report No. A2250252364101001E

第 3 页 共 9 页  
Page 3 of 9

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## 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	欧盟 RoHS 指令 2011/65/EU 及其修订指令 (EU) 2015/863 RoHS Directive 2011/65/EU with amendment (EU) 2015/863	符合 PASS

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符合表示检测结果满足欧盟RoHS指令2011/65/EU及其修订指令(EU) 2015/863要求的限值。

PASS means that the results shown on the report comply with the limits set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.

# 检测报告

## Test Report

报告编号 A2250252364101001E  
Report No. A2250252364101001E

第 4 页 共 9 页  
Page 4 of 9

### 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
邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)	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		
<b>多溴联苯 Polybrominated Biphenyls (PBBs)</b>			
一溴联苯 Monobromobiphenyl	N.D.	25 mg/kg	1000 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 A2250252364101001E  
Report No. A2250252364101001E

第 5 页 共 9 页  
Page 5 of 9

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL	限值 Limit
	001		
<b>多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)</b>			
一溴二苯醚 Monobromodiphenyl ether	N.D.	25 mg/kg	1000 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	

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL	限值 Limit
	001		
<b>邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)</b>			
邻苯二甲酸二丁酯 Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg	1000 mg/kg
邻苯二甲酸丁基苄基酯 Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg	1000 mg/kg
邻苯二甲酸二(2-乙基)己酯 Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg	1000 mg/kg
邻苯二甲酸二异丁酯 Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg	1000 mg/kg

# 检测报告 Test Report

报告编号 A2250252364101001E  
Report No. A2250252364101001E

第 6 页 共 9 页  
Page 6 of 9

## 样品/部位描述 Sample/Part Description

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

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。

-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%

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。

**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.**

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

-1000 mg/kg = 0.1%

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.

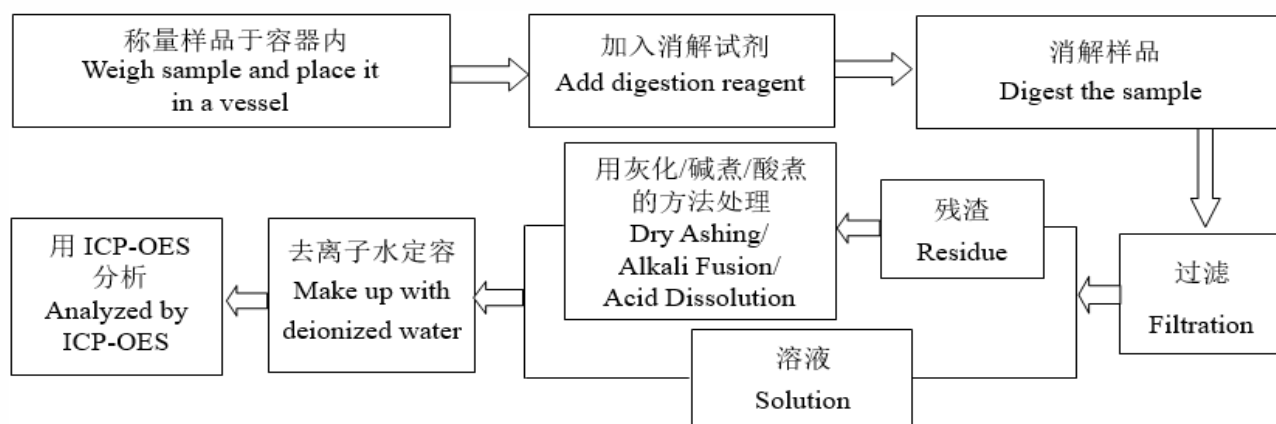
# 检测报告 Test Report

报告编号 A2250252364101001E  
Report No. A2250252364101001E

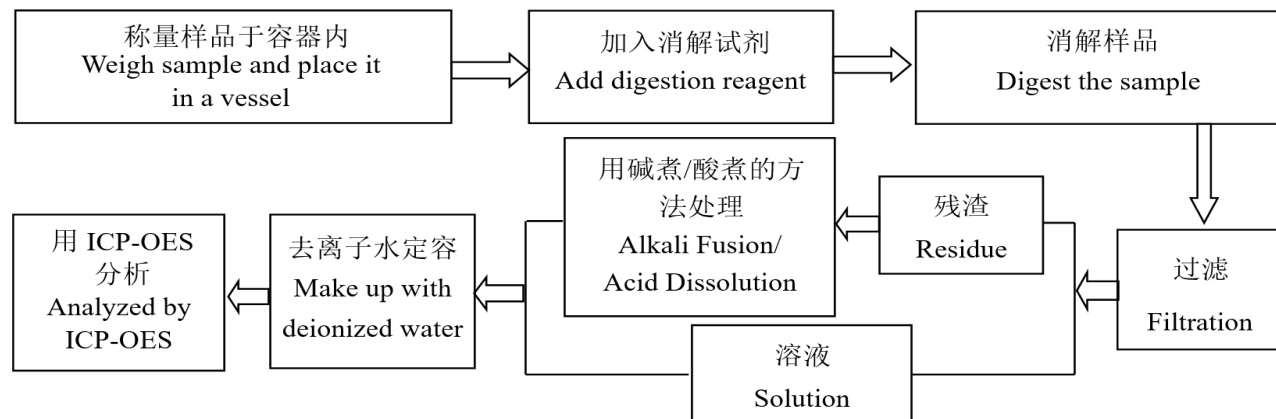
第 7 页 共 9 页  
Page 7 of 9

## 检测流程 Test Process

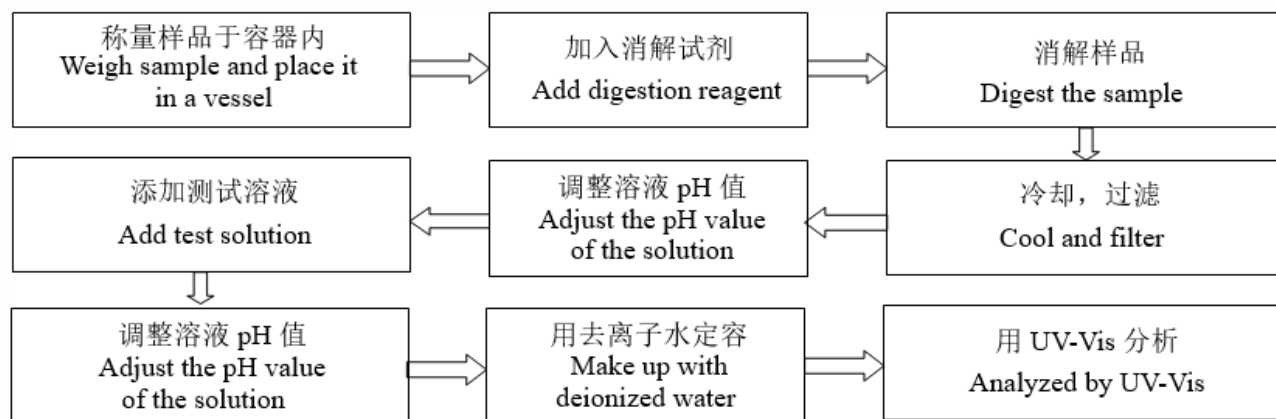
### 1. 铅 Lead (Pb), 镉 Cadmium (Cd), 铬 Chromium(Cr)



### 2. 汞 Mercury (Hg)



### 3. 六价铬 Hexavalent Chromium (Cr(VI))

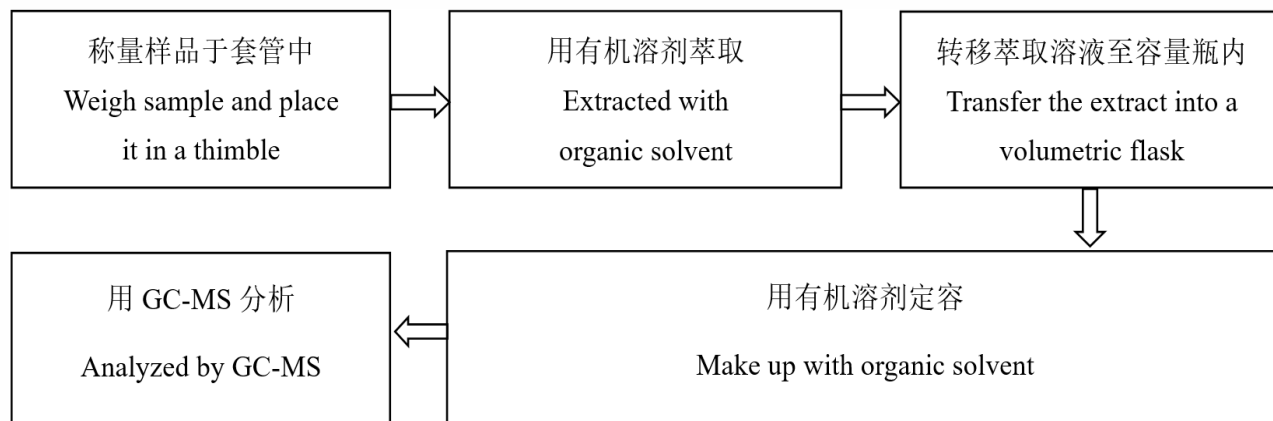


# 检测报告 Test Report

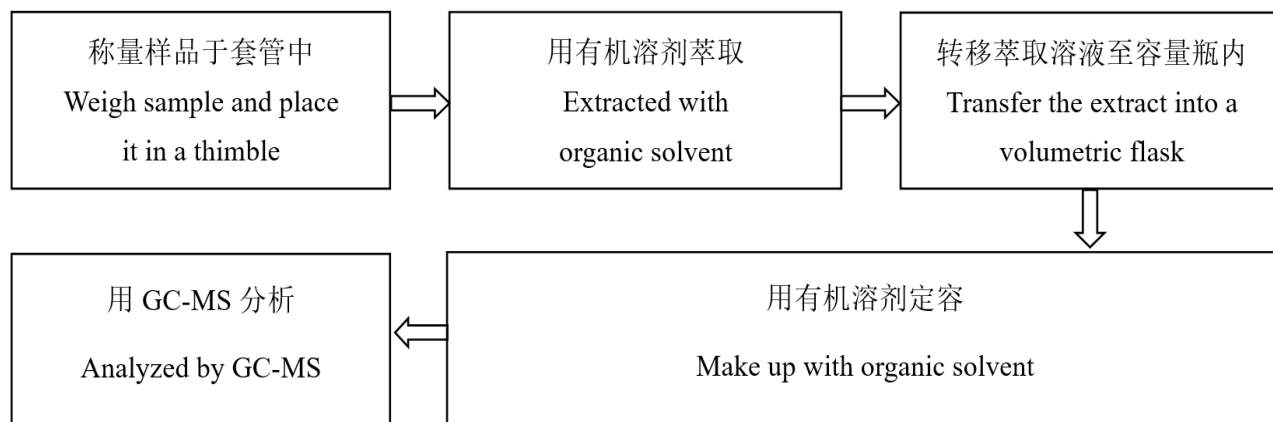
报告编号 A2250252364101001E  
Report No. A2250252364101001E

第 8 页 共 9 页  
Page 8 of 9

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



## 5. 邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)



# 检测报告 Test Report

报告编号 A2250252364101001E  
Report No. A2250252364101001E

第 9 页 共 9 页  
Page 9 of 9

## 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 \*\*\*