

检测报告  
Test Report报告编号 A2220066467101005E  
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Page 1 of 6报告抬头公司名称 四川普瑞森电子有限公司  
Company Name SI CHUAN PRECISION ELECTONIC CO.,LTD.  
shown on Report  
地 址 四川省遂宁市创新工业园区明星大道323号  
Address NO323,MINGXING AVENUE CHUANGXIN INDUSTRIAL  
PARK,SUINING,SICHUAN

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 印制线路板  
Sample Name Printed circuit board  
样品接收日期 2022.02.28  
Sample Received Date Feb. 28, 2022  
样品检测日期 2022.02.28-2022.03.04  
Testing Period Feb. 28, 2022 to Mar. 4, 2022检测要求 根据客户要求, 对所提交样品中的多环芳烃 (PAHs) 进行测试。  
Test Requested As specified by client, to test Polycyclic Aromatic Hydrocarbons (PAHs) 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).

主 检

方理松

审 核

文利

Tested by

Reviewed by

批准

方理松

日 期

2022.03.04

Approved by

Date

方理松

授权签字人 Lab Authorized Signatory

No. R530011001

检验检测专用章 华测检测集团股份有限公司

广东省深圳市宝安区新安街道兴东社区华测检测大楼

Inspection &amp; Testing Services Centre Testing International Group Co.,Ltd.

CTL Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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**检测依据 Test Method**

测试项目 Test Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)
多环芳烃 Polycyclic Aromatic Hydrocarbons (PAHs)	AfPS GS 2019:01 PAK	GC-MS

**检测结果 Test Result(s)**

测试项目 Test Item(s)	结果 Result	方法检出限 MDL
<b>多环芳烃 Polycyclic Aromatic Hydrocarbons (PAHs)</b>		
萘 Naphthalene	N.D.	0.2 mg/kg
菲 Phenanthrene	N.D.	0.2 mg/kg
蒽 Anthracene	N.D.	0.2 mg/kg
荧蒽 Fluoranthene	N.D.	0.2 mg/kg
芘 Pyrene	N.D.	0.2 mg/kg
蒎 Chrysene	N.D.	0.2 mg/kg
苯并(a)蒽 Benzo(a)anthracene	N.D.	0.2 mg/kg
苯并(b)荧蒽 Benzo(b)fluoranthene	N.D.	0.2 mg/kg
苯并(k)荧蒽 Benzo(k)fluoranthene	N.D.	0.2 mg/kg
苯并(j)荧蒽 Benzo(j)fluoranthene	N.D.	0.2 mg/kg
苯并(a)芘 Benzo(a)pyrene	N.D.	0.2 mg/kg
苯并(e)芘 Benzo(e)pyrene	N.D.	0.2 mg/kg
二苯并(a,h)蒽 Dibenzo(a,h)anthracene	N.D.	0.2 mg/kg
苯并(g,h,i)芘 Benzo(g,h,i)perylene	N.D.	0.2 mg/kg
茚并(1,2,3-cd)芘 Indenol(1,2,3-cd)pyrene	N.D.	0.2 mg/kg
菲, 蒽, 荧蒽, 芘总量 Sum (Phenanthrene, Anthracene, Fluoranthene, Pyrene)	N.D.	/
15 PAHs总量 Sum 15 PAHs	N.D.	/

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样品/部位描述 PCB (整体测试)

Sample/Part Description PCB (Tested as a whole)

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备注: -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

Remark: -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

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可接触的表面材料中PAHs含量限值(mg/kg)(按风险评估的结果分类)

Maximum PAHs limits (mg/kg) for the materials with relevant contact/grip and operating surfaces that are to be categorised based on the results of the risk assessment

参数 Parameters	一类 Category 1	二类 Category 2		三类 Category 3		
	可放入口中的材料，或预期和皮肤接触时间超过30秒(长时间接触)2009/48/EC定义的玩具材料或供3岁以下儿童使用的产品 Materials intended to be placed in the mouth, or materials in toys according to Directive 2009/48/EC or materials for the use by children up to 3 years of age coming into long-term contact with skin (more than 30s) during the intended use	未包含在第一类材料中，预期和皮肤接触时间超过30秒（长时间接触），或者和皮肤短时间频繁接触**的材料 Materials not covered by category 1, coming into long-term contact (more than 30s) or short-term repetitive contact** with skin during the intended or foreseeable use	供儿童（<14岁）使用的产品（包括主动和被动直接接触） Use by children (< 14 years) (include both active and passive direct contact)	其他类产品 Other consumer products	未包含在第一类和第二类材料中，预期和皮肤接触时间不超过30秒（短时间接触）的材料 Materials not covered by category 1 nor by category 2, coming into short-term contact (up to 30s) with skin during the intended or foreseeable use	供儿童（<14岁）使用的产品（包括主动和被动直接接触） Use by children (< 14 years) (include both active and passive direct contact)
苯并(a)芘 Benzo(a)pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
苯并(e)芘 Benzo(e)pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
苯并(a)蒽 Benzo(a)anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
苯并(b)荧蒽 Benzo(b)fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
苯并(j)荧蒽 Benzo(j)fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
苯并(k)荧蒽 Benzo(k)fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
屈Chrysene	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
二苯并(a,h)蒽 Dibenzo(a,h)anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
苯并(g,h,i)芘 Benzo(g,h,i)perylene	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
茚并(1,2,3-cd)芘 Indenol(1,2,3-cd)pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1	

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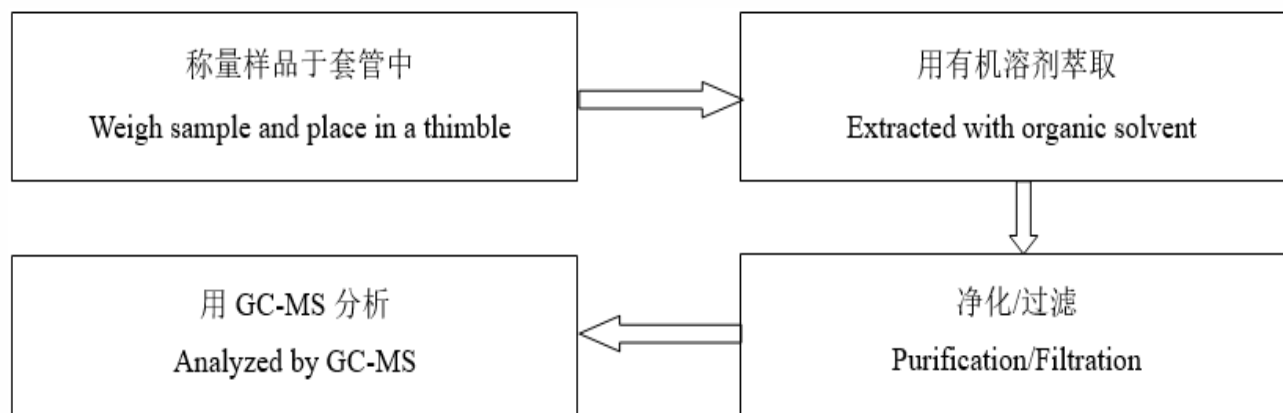
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菲,葱,荧葱,芘 Phenanthrene, Anthracene, Fluoranthene, Pyrene	总量 < 1 < 1 Sum	总量 < 5 < 5 Sum	总量 < 10 < 10 Sum	总量 < 20 < 20 Sum	总量 < 50 < 50 Sum
萘Naphthalene	< 1	< 2		< 10	
15 PAHs总量 Sum 15 PAHs	< 1	< 5	< 10	< 20	< 50

\*\* “短时间频繁接触” 来自REACH法规附录XVII第50项的修订案(法规 (EU) No. 1272/2013)

Definition “short-term repetitive contact” taken from REACH Annex XVII entry 50 amendment  
(REGULATION (EU) No.1272/2013)

## 检测流程 Test Process



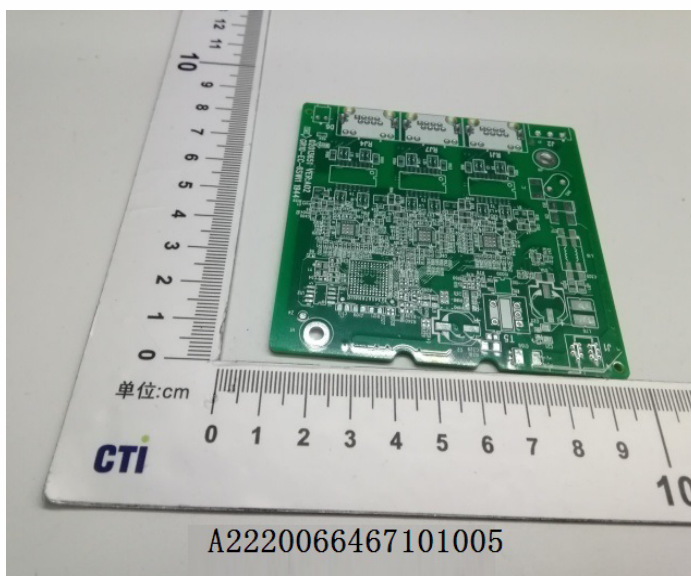
华测检测有限公司

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## 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. 未经CTI书面同意，不得部分复制本报告；  
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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 \*\*\*