



检测报告 Test Report

报告编号 A2190260927101006E
Report No. A2190260927101006E

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申请单位 深圳市派旗纳米技术有限公司
Applicant SHENZHEN PAIQI NANO-TECH CO., LTD.
地 址 深圳市龙华区观光路1301号龙华新区科技企业孵化园 D708/D709/D711/D712
Address LH11, D708/D709/D711/D712, NO.1301, GUANGUANG ROAD, GUANLAN ST.,
LONGHUA DIST., SHENZHEN, CHINA.

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 client

样品名称	电子PCBA防水防潮纳米涂层液
Sample Name	Electronic PCBA waterproof and moisture-proof nano coating solution
样品型号	L4, L5
Part No.	L4, L5
样品接收日期	2019.10.08
Sample Received Date	Oct. 8, 2019
样品检测日期	2019.10.08-2019.10.14
Testing Period	Oct. 8, 2019 to Oct. 14, 2019

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

张绍祥
郑晴涛

郑晴涛
技术经理 Technical Manager

审 核
Reviewed by
日 期
Date

夏准

2019.10.14

No. R262621464

广东省深圳市宝安区新安街道兴东社区华测检测大楼

华测检测集团股份有限公司
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 2014:01 PAK	GC-MS

可接触的表面材料中PAHs含量限值(mg/kg)(按风险分析的结果分类)
Limits for PAHs content (mg/kg) for material of (grip) surfaces, which are to be categorized on account of the results of the risk analysis.

参数 Parameters	一类 Category 1	二类 Category 2		三类 Category 3		
	可放入口中的材料，或预期和皮肤长时间接触的玩具材料（超过30秒） Materials intended to be put in the mouth or materials of toys with foreseeable long-term skin contact (longer than 30 seconds)	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），或者和皮肤反复短时间接触的材料 Materials not covered by category 1, with foreseeable skin contact for longer than 30 seconds (long-term skin contact) or repeated short-term skin contact #	2009/48/EC范围内的玩具 Toys covered by Directive 2009/48/EC	其他类产品 Other 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 or 2 with foreseeable skin contact up to 30 seconds (short term skin contact)	2009/48/EC范围内的玩具 Toys covered by Directive 2009/48/EC
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	
蒽 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	

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茚并(1,2,3-cd)芘 Indenol(1,2,3-cd)pyrene	<0.2	<0.2	<0.5	<0.5	<1
芘烯,芘,芴,菲, 蒽,荧蒽,芘 Acenaphthylene, Acenaphthene, Fluorene, 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	
18PAHs总量 Sum 18 PAHs	<1	<5	<10	<20	<50

“短期重复接触皮肤”来自REACH法规附录XVII第50项的修订案(法规 (EU) No. 1272/2013)
Formulation “of repeated short-term skin contact” REACH Annex XVII No.50 supplement (REGULATION (EU) No.1272/2013)

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检测结果 Test Result(s)

测试项目 Test Item(s)	结果 Result	方法检出限 MDL
多环芳烃 Polycyclic Aromatic Hydrocarbons (PAHs)		
萘 Naphthalene	N.D.	0.2 mg/kg
芴烯 Acenaphthylene	N.D.	0.2 mg/kg
芴 Acenaphthene	N.D.	0.2 mg/kg
芴 Fluorene	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
苯并(a)蒽 Benzo(a)anthracene	N.D.	0.2 mg/kg
蒽 Chrysene	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(a)芘 Benzo(a)pyrene	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
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
苯并(j)荧蒽 Benzo(j)fluoranthene	N.D.	0.2 mg/kg
苯并(e)芘 Benzo(e)pyrene	N.D.	0.2 mg/kg
芴烯, 芴, 芴, 菲, 蒽, 荧蒽, 芘总量 Sum (Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene)	N.D.	/
18PAHs总量 Sum 18 PAHs	N.D.	/

样品/部位描述 透明液体
 Sample/Part Description Transparent liquid

备注: -N.D. = 未检出 (小于方法检出限)
 -mg/kg = ppm = 百万分之一

Remark: -MDL = Method Detection Limit
 -N.D. = Not Detected (<MDL)
 -mg/kg = ppm = parts per million

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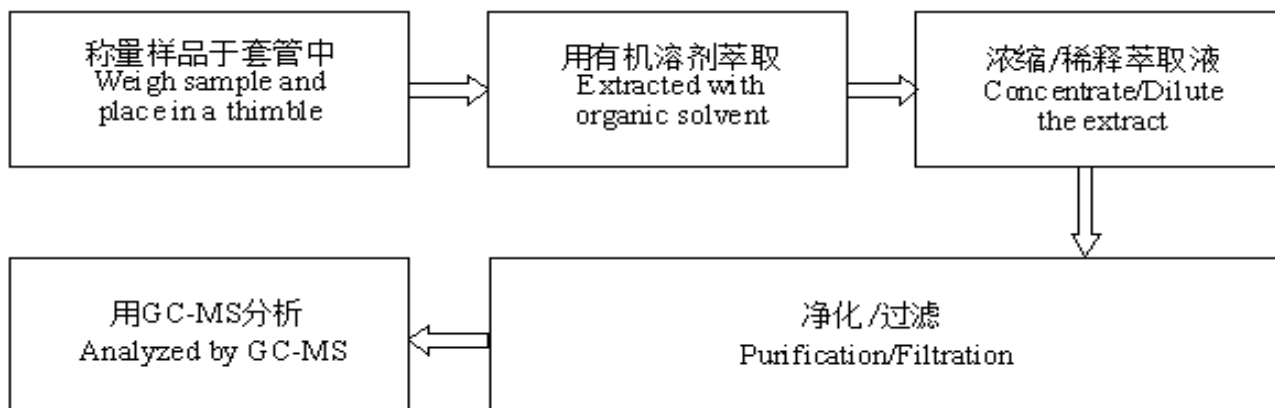
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检测流程 Test Process



华测检测有限公司

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样品图片 Photo(s) of the sample(s)



报告结束

*** End of report ***

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. 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 sample(s) and sample information was/were provided by the client 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;
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