

# 测试报告(Test Report)

报告编号(Report No.): AGC00925200515-001

日期(Date): 2020/05/28

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申请单位: 深圳绿米联创科技有限公司  
Applicant: Lumi United Technology Co., Ltd  
单位地址: 深圳市南山区桃源街道留仙大道塘岭路 1 号金骐智谷大厦 8 楼  
Address: 8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Residential District, Nanshan District, Shenzhen.China  
测试地址: 广东省深圳市宝安区航城街道三围社区三围茶西工业区 2 栋 1、6 层, 518012  
Test address: 1,6/F.,Building 2,Sanwei Chaxi Industrial Park,Sanwei Community,Hangcheng Street,Baoan District,Shenzhen,Guangdong,China


## 样品信息(Report on the submitted sample(s) said to be):

样品名称(Sample Name) : 单路控制模块 T1(单火线版)/Single Switch Module T1 (No Neutral)  
型号(Model) : SSM-U02  
商标(Brand) : Aqara  
制造商 (Manufacturer) : 深圳绿米联创科技有限公司 / Lumi United Technology Co., Ltd  
:深圳市南山区桃源街道留仙大道塘岭路 1 号金骐智谷大厦 8 楼 / 8th  
地址(Address) : Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Residential District, Nanshan District, Shenzhen.China  
收样日期(Sample Receiving Date) : 2020/05/26  
测试周期(Testing Period) : 2020/05/26 -2020/05/28

**测试要求(Test Requested):** 根据客户要求, 依据德国消费品安全委员会 (AfPS) 修订的德国消费品安全法规(ProdSG: 2019) 对送检样品中多环芳香烃(PAHs)的含量进行测定。  
As specified by client, to determine the Polycyclic Aromatic Hydrocarbons (PAHs) content in the submitted sample(s) with German Consumer Product Safety Commission (AfPS) revised German consumer product safety regulations (ProdSG: 2019).

**测试方法(Test Method):** 请参见下一页。Please refer to next page(s).

**测试结果(Test Result):** 请参见下一页。Please refer to next page(s).

Approved by:   
签发: 梁丹(Jessie Liang)  
技术总监(Technical Director)



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测试结果(Test Result(s)):

单位(Unit):mg/kg

测试项目 Test Item(s)	测试方法/仪器 Test Method /Equipment	方法检出限 MDL	结果 Result(s)
			1
苯并(a)芘 Benzo[a]pyrene (BaP)	德国消费品安全法规 (German consumer product safety regulations) AfPS GS 2019:01 PAK GC-MS	0.1	N.D.
苯并[e]芘 Benzo[e]pyrene(BeP)		0.1	N.D.
苯并(a)蒽 Benzo[a]anthracene (BaA)		0.1	N.D.
苯并(b)荧蒽 Benzo[b]fluoranthene (BbF)		0.1	N.D.
苯并[j]荧蒽 Benzo[j]fluoranthene(BjF)		0.1	N.D.
苯并(k)荧蒽 Benzo[k]fluoranthene (BkF)		0.1	N.D.
屈 Chrysene (CHR)		0.1	N.D.
二苯并(a,h)蒽 Dibenzo[a,h]anthracene (DBA)		0.1	N.D.
苯并(ghi)芘 Benzo[g,h,i]perylene (BPE)		0.1	N.D.
茚并(1,2,3-cd)芘 Indeno[1,2,3-cd]pyrene (IPY)		0.1	N.D.
菲 Phenanthrene (PHE)		0.1	N.D.
芘 Pyrene (PYR)		0.1	N.D.
蒽 Anthracene (ANT)		0.1	N.D.
荧蒽 Fluoranthene (FLT)		0.1	N.D.
萘 Naphthalene (NAP)		0.1	N.D.
<b>15 种 PAHs 总量</b> <b>Sum of 15 PAHs</b>	—	N.D.	

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单位(Unit):mg/kg

测试项目 Test Item(s)	测试方法/仪器 Test Method /Equipment	方法检出限 MDL	结果 Result(s)
			4
苯并(a)芘 Benzo[a]pyrene (BaP)	德国消费品安全法规 (German consumer product safety regulations) AfPS GS 2019:01 PAK GC-MS	0.1	N.D.
苯并[e]芘 Benzo[e]pyrene(BeP)		0.1	N.D.
苯并(a)蒽 Benzo[a]anthracene (BaA)		0.1	N.D.
苯并(b)荧蒽 Benzo[b]fluoranthene (BbF)		0.1	N.D.
苯并[j]荧蒽 Benzo[j]fluoranthene(BjF)		0.1	N.D.
苯并(k)荧蒽 Benzo[k]fluoranthene (BkF)		0.1	N.D.
屈 Chrysene (CHR)		0.1	N.D.
二苯并(a,h)蒽 Dibenzo[a,h]anthracene (DBA)		0.1	N.D.
苯并(ghi)芘 Benzo[g,h,i]perylene (BPE)		0.1	N.D.
茚并(1,2,3-cd)芘 Indeno[1,2,3-cd]pyrene (IPY)		0.1	N.D.
菲 Phenanthrene (PHE)		0.1	N.D.
芘 Pyrene (PYR)		0.1	N.D.
蒽 Anthracene (ANT)		0.1	N.D.
荧蒽 Fluoranthene (FLT)		0.1	N.D.
萘 Naphthalene (NAP)		0.1	N.D.
<b>15 种 PAHs 总量</b> <b>Sum of 15 PAHs</b>	—	N.D.	

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单位(Unit):mg/kg

测试项目 Test Item(s)	测试方法/仪器 Test Method /Equipment	方法检出限 MDL	结果 Result(s)
			86
苯并(a)芘 Benzo[a]pyrene (BaP)	德国消费品安全法规 (German consumer product safety regulations) AfPS GS 2019:01 PAK GC-MS	0.1	N.D.
苯并[e]芘 Benzo[e]pyrene(BeP)		0.1	N.D.
苯并(a)蒽 Benzo[a]anthracene (BaA)		0.1	N.D.
苯并(b)荧蒽 Benzo[b]fluoranthene (BbF)		0.1	N.D.
苯并[j]荧蒽 Benzo[j]fluoranthene(BjF)		0.1	N.D.
苯并(k)荧蒽 Benzo[k]fluoranthene (BkF)		0.1	N.D.
屈 Chrysene (CHR)		0.1	N.D.
二苯并(a,h)蒽 Dibenzo[a,h]anthracene (DBA)		0.1	N.D.
苯并(ghi)芘 Benzo[g,h,i]perylene (BPE)		0.1	N.D.
茚并(1,2,3-cd)芘 Indeno[1,2,3-cd]pyrene (IPY)		0.1	N.D.
菲 Phenanthrene (PHE)		0.1	N.D.
芘 Pyrene (PYR)		0.1	N.D.
蒽 Anthracene (ANT)		0.1	N.D.
荧蒽 Fluoranthene (FLT)		0.1	N.D.
萘 Naphthalene (NAP)		0.1	N.D.
<b>15 种 PAHs 总量 Sum of 15 PAHs</b>	—	N.D.	

- 备注(Remark):**
1. MDL=Method Detection Limit 方法检出限
  2. N.D.=Not Detected (less than method detection limit) 未检出 (小于方法检出限)
  3. mg/kg =parts per million=百万之一

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依据德国消费品安全法规的要求产品中最大限值如下:

(ProdSG: 2019: Restraining maximum values for product(s):

单位(Unit): mg/kg

参数 Parameter	CAS No.	类别 1 Category 1	类别 2 Category 2		类别 3 Category 3	
		意图放入嘴内的材料或玩具中材料列于 2009/48/EC 与皮肤有长时间接触(超过 30 秒)或 3 岁以下儿童使用产品 Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (more than 30s) during the intended use - in toys according to Directive 2009/48/EC or - for the use by children up to 3 years of age	不属于第 1 类的材料并可预见与皮肤长时间接触(超过 30 秒)或重复与皮肤接触 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	a. 儿童使用 Use by children	b. 其他消费品 Other consumer products	a. 儿童使用 Use by children
苯并[a]芘 (Benzo[a]pyrene, BaP)	50-32-8	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[e]芘 (Benzo[e]pyrene, BeP)	192-97-2	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[a]蒽 (Benzo[a]anthracene, BaA)	56-55-3	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[b]荧蒽 (Benzo[b]fluoranthene, BbFA)	205-99-2	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[j]荧蒽 (Benzo[j]fluoranthene, BjFA)	205-82-3	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[k]荧蒽 (Benzo[k]fluoranthene, BkFA)	207-08-9	< 0.2	< 0.2	< 0.5	< 0.5	< 1
屈 (Chrysene, CHR)	218-01-9	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并[a,h]蒽 (Dibenzo[a,h]anthracene, DBA <sub>h</sub> A)	53-70-3	< 0.2	< 0.2	< 0.5	< 0.5	< 1

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参数 Parameter	CAS No.	类别 1 Category 1	类别 2 Category 2		类别 3 Category 3	
		意图放入嘴内的材料或玩具中材料列于2009/48/EC与皮肤有长时间接触(超过30秒)或3岁以下儿童使用产品 Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (more than 30s) during the intended use - in toys according to Directive 2009/48/EC or - for the use by children up to 3 years of age	不属于第1类的材料并可预见与皮肤长时间接触(超过30秒)或重复与皮肤接触 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		可预见与皮肤接触短于30秒(短期与皮肤接触), 以及不属于第1类或第2类的材料 Materials covered neither by category 1 nor by category 2, coming into short-term contact (up to 30s) with skin during the intended or foreseeable use	
			a. 儿童使用 Use by children	b. 其他消费品 Other consumer products	a. 儿童使用 Use by children	b. 其他消费品 Other consumer products
苯并[g,h,i]芘 (Benzo[g,h,i]perylene)	191-24-2	< 0.2	< 0.2	< 0.5	< 0.5	< 1
茚并[1,2,3-cd]芘 (Indeno[1,2,3-cd]pyrene)	193-39-5	< 0.2	< 0.2	< 0.5	< 0.5	< 1
菲 (Phenanthrene)	85-01-8	Sum:<1	Sum:<5	Sum:<10	Sum:<20	Sum:<50
芘(Pyrene)	129-00-0					
蒽(Anthracene)	120-12-7					
荧蒽 (Fluoranthene)	206-44-0					
萘(Naphthalene)	91-20-3	<1	<2		<10	
以上 15 种 PAH 的总和 Sum 15 PAHs		<1	<5	<10	<20	<50

## 样品描述(Sample Description)

1	White plastic shell	白色塑料壳
4	Gray plastic bottom cover	灰色塑料底盖
86	Scan label	扫码标签

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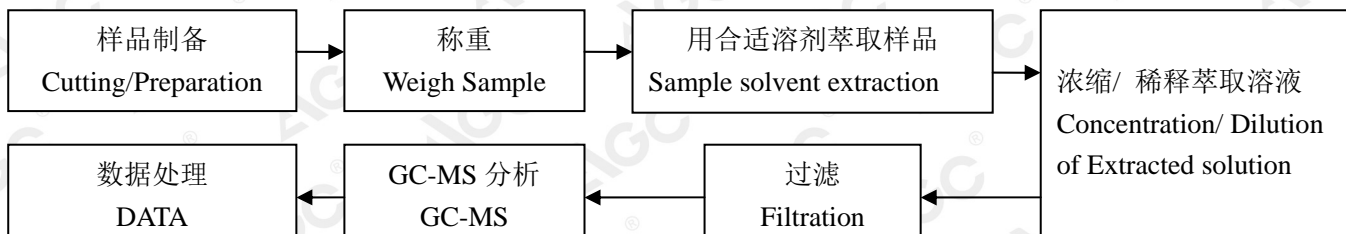
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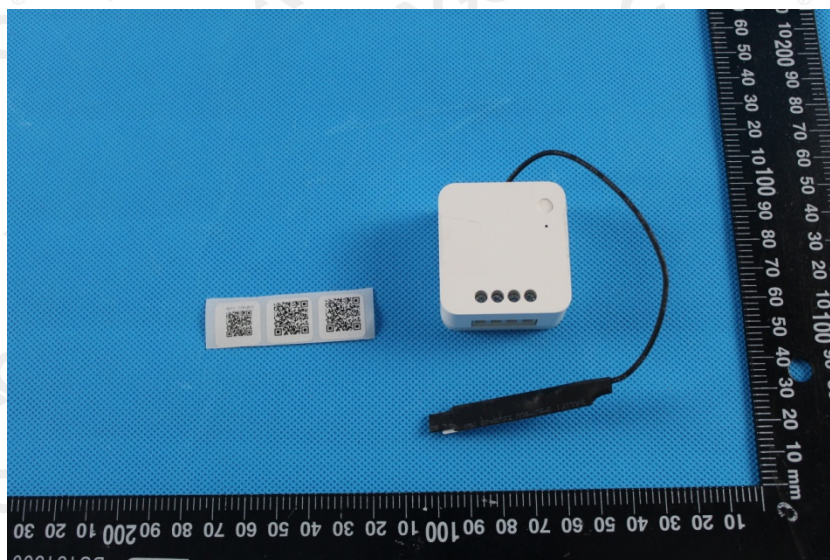
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## 测试流程图(Test Flow Chart)



## 样品附图(The photo of the sample)



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AGC authenticate the photo on original report only

\*\*\*报告结束\*\*\*

\*\*\* End of Report\*\*\*

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