

测试报告 Test Report

报告编号 : AGC00925201208-003
Report No.

样品名称 : 请参见后续页(Please refer to follow page(s)).
SAMPLE NAME

样品型号 : WS-EUK01
MODEL NAME : WS-EUK02

委托单位 : 深圳绿米联创科技有限公司
APPLICANT : Lumi United Technology Co., Ltd

检测标准 : 请参见后续页(Please refer to follow page(s)).
STANDARD(S)

签发日期 : 2020/12/29
DATE OF ISSUE

深圳市鑫宇环标准技术有限公司

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.



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委托单位(Applicant) : 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
单位地址(Address) : 8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian
Ave, Taoyuan Residential District, Nanshan District,
Shenzhen.China
测试地址(Test Site) : 深圳市宝安区航城街道三围社区三围茶西工业区 2 栋 6 层
6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei
Community, Hangcheng Street, Bao'an District, Shenzhen,
Guangdong, China

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

样品名称(Sample Name) : 智能墙壁开关 H1 EU (单火线单键版) Smart Wall Switch H1
EU (No Neutral, Single Rocker)
智能墙壁开关 H1 EU (单火线双键版) Smart Wall Switch H1
EU (No Neutral, Double Rocker)
型号(Model) : WS-EUK01
WS-EUK02
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
地址(Address) : 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 Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave,
Taoyuan Residential District, Nanshan District, Shenzhen.China
收样日期(Sample Received Date) : 2020/12/24
测试周期(Testing Period) : 2020/12/24-2020/12/29

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

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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).

测试结果(Test Result):

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	
		意图放入口中的材料, 意图长时间接触皮肤 (超过 30 秒) 的 2009/48/EC 指令范围的玩具材料和 3 岁及以下儿童使用的产品材料 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, 并可预见与皮肤长时间接触(超过 30 秒)或重复与皮肤接触材料 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	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

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参数 Parameter	CAS No.	类别 1 Category 1	类别 2 Category 2		类别 3 Category 3	
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			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[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 _h A)	53-70-3	< 0.2	< 0.2	< 0.5	< 0.5	< 1
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	总和 Sum:<1	总和 Sum:<5	总和 Sum:<10	总和 Sum:<20	总和 Sum:<50
芘(Pyrene)	129-00-0					
蒽(Anthracene)	120-12-7					
荧蒽 (Fluoranthene)	206-44-0					

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			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
萘(Naphthalene)	91-20-3	<1	<2		<10	
以上 15 种 PAH 的总和 Sum 15 PAHs		<1	<5	<10	<20	<50

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测试方法/仪器(Test Method/Equipment):

德国消费品安全法规 (German consumer product safety regulations)AfPS GS 2019:01 PAK/ GC-MS

测试项目 Test Item(s)	方法检出限 MDL (mg/kg)	结果 Result(s) (mg/kg)			
		1	4	92	93
苯并(a)芘 Benzo[a]pyrene (BaP)	0.1	N.D.	N.D.	N.D.	N.D.
苯并[e]芘 Benzo[e]pyrene(BeP)	0.1	N.D.	N.D.	N.D.	N.D.
苯并(a)蒽 Benzo[a]anthracene (BaA)	0.1	N.D.	N.D.	N.D.	N.D.
苯并(b)荧蒽 Benzo[b]fluoranthene (BbF)	0.1	N.D.	N.D.	N.D.	N.D.
苯并[j]荧蒽 Benzo[j]fluoranthene(BjF)	0.1	N.D.	N.D.	N.D.	N.D.
苯并(k)荧蒽 Benzo[k]fluoranthene (BkF)	0.1	N.D.	N.D.	N.D.	N.D.
屈 Chrysene (CHR)	0.1	N.D.	N.D.	N.D.	N.D.
二苯并(a,h)蒽 Dibenzo[a,h]anthracene (DBA)	0.1	N.D.	N.D.	N.D.	N.D.
苯并(ghi)芘 Benzo[g,h,i]perylene (BPE)	0.1	N.D.	N.D.	N.D.	N.D.
茚并(1,2,3-cd)芘 Indeno[1,2,3-cd]pyrene (IPY)	0.1	N.D.	N.D.	N.D.	N.D.
菲 Phenanthrene (PHE)	0.1	N.D.	N.D.	N.D.	N.D.
芘 Pyrene (PYR)	0.1	N.D.	N.D.	N.D.	N.D.
蒽 Anthracene (ANT)	0.1	N.D.	N.D.	N.D.	N.D.
荧蒽 Fluoranthene (FLT)	0.1	N.D.	N.D.	N.D.	N.D.
萘 Naphthalene (NAP)	0.1	N.D.	N.D.	N.D.	N.D.
15种 PAHs 总和 Sum of 15 PAHs	/	N.D.	N.D.	N.D.	N.D.

注释 Note:

mg/kg =毫克每千克 (milligram per kilogram)

N.D.= 未检出 (小于方法检出限) (Not Detected (less than method detection limit))

MDL =方法检出限 Method Detection Limit

样品描述(Sample Description)

智能墙壁开关 H1 EU (单火线单键版) Smart Wall Switch H1 EU (No Neutral, Single Rocker)			
1	外壳 Shell	白色塑料按键面板	White plastic button panel
4		白色塑料壳	White plastic shell
智能墙壁开关 H1 EU (单火线双键版) Smart Wall Switch H1 EU (No Neutral, Double Rocker) (差异) (difference)			
92	外壳 Shell	白色塑料左侧按键面板	White plastic left key panel
93		白色塑料右侧按键面板	White plastic right key panel

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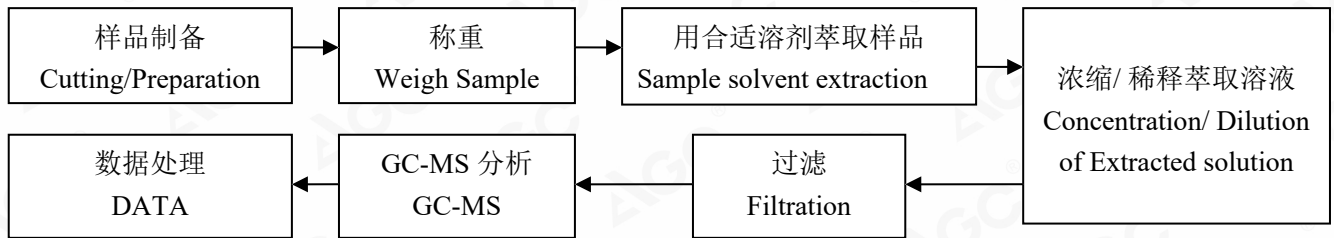
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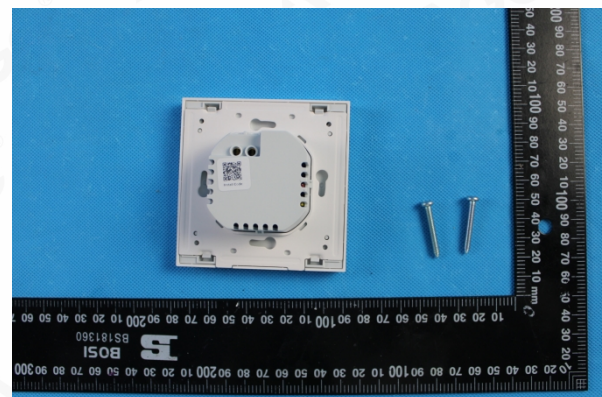
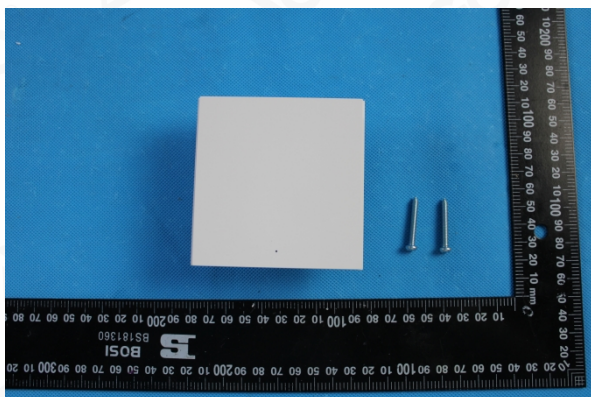
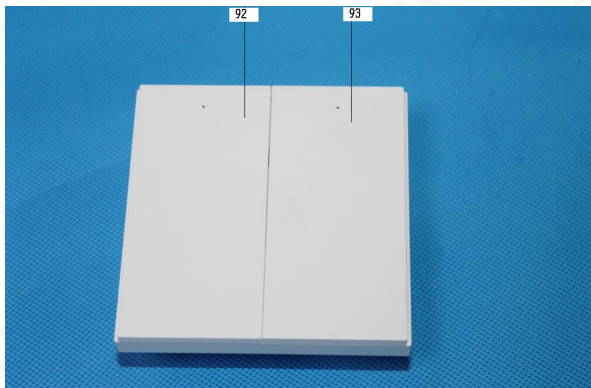
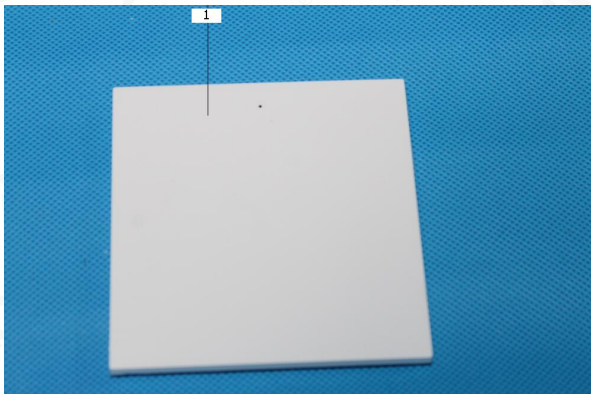
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测试流程图 (Test Flow Chart)

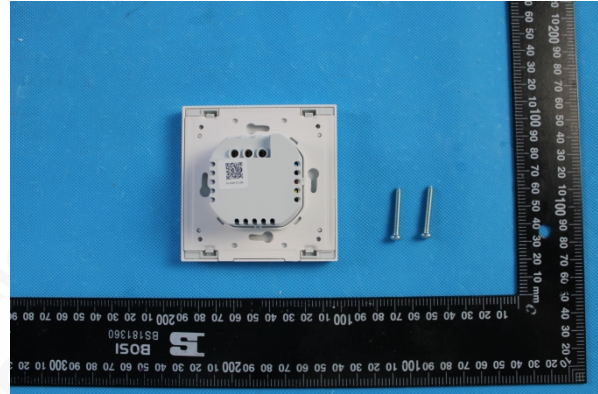
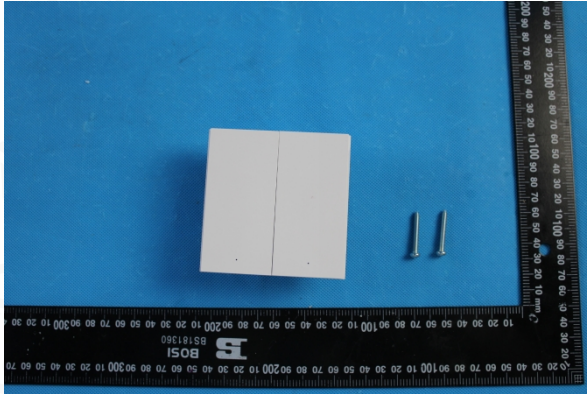


样品附图(The photo of the sample)



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报告结束

*** End of Report ***

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签发测试报告条款 Conditions of Issuance of Test Reports

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2. 由此测试申请所发出的任何报告(以下简称[报告]), 本公司会严格为客户保密。未经本公司的书面同意, 报告的整体或部分不得复制, 也不得用于广告或授权的其他用途。然而, 客户可以将本公司印制的报告或认可的副本, 向其客户、供货商或直接相关的其他人出示或提交。除非相关政府部门、法律或法规要求, 否则未经客户同意, 本公司不得将报告内容向任何第三方讨论或披露。Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. 除非相关政府部门、法律或法院要求, 否则未经公司预先书面同意, 本公司毋需也无义务到法院对有关报告作证。The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. 无 CMA 标志的报告, 仅供使用方内部参考, 不具有对社会的证明作用。The non-CMA report issued by AGC is only permitted to be used by the client as internal reference use and shall not be used for public demonstration purpose.
5. 如果本公司确定报告被不当地使用, 本公司保留撤回报告的权利, 并有权要求其它适当的额外赔偿。In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
6. 本公司接受样品进行测试的前提是, 该测试报告不能作为针对本公司法律行动的依据。Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
7. 如因使用本公司任何报告内的资料, 或任何传播信息所描述与之有关的测试或研究导致的任何损失或损害, 本公司概不负责。The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
8. 若需要在法院审理程序或仲裁过程中使用测试报告, 客户必须在提交测试样品前将该意图告知本公司。Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.

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9. 电子版报告更改后将不被追回，客户有义务将更改后的报告提供给使用原报告的相关方。The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.

10. 该测试报告的支持数据和信息本公司保存 6 年。个别评审机构有特别要求的，检测数据和报告的保存期可依情况变动。一旦超过上述提交的保存期限，数据和信息将被处理掉。任何情况下，本公司不必提供任何被处理的过期数据或信息。即使本公司事先被告知可能会发生相关的损害，本公司在任何情况下也不必承担任何损害，包括(但不限于)补偿性赔偿、利润损失、数据遗失、或任何形式的特殊损害、附带损害、间接损害、从属损害或任何违反约定、违反承诺、侵权(包括疏忽)、产品责任或其他原因的惩罚性损害。Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

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