

测试报告 Test Report

报告编号 : AGC00925200903-001
Report No.

样品名称 : 网关 M2 / Hub M2
SAMPLE NAME

样品型号 : HM2-G01
MODEL NAME

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 : 2020/09/24
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
单位地址(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
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) : 网关 M2 / Hub M2
型号(Model) : HM2-G01
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) : 2020/09/21
测试周期(Testing Period) : 2020/09/21-2020/09/24

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).

Approved by: 

签发: 梁丹(Jessie.Liang)



技术总监(Technical Director)

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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
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

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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		不属于第 1 类或第 2 类可预见与皮肤接触短于 30 秒(短期与皮肤接触)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[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					
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	2	6	64
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)

1	外壳 Shell	黑色塑料面壳	Black plastic surface shell
2		黑色塑料壳	Black plastic shell
6		灰色橡胶垫圈	Grey rubber washer
64		网口接头 Mesh connector	黑色塑料座

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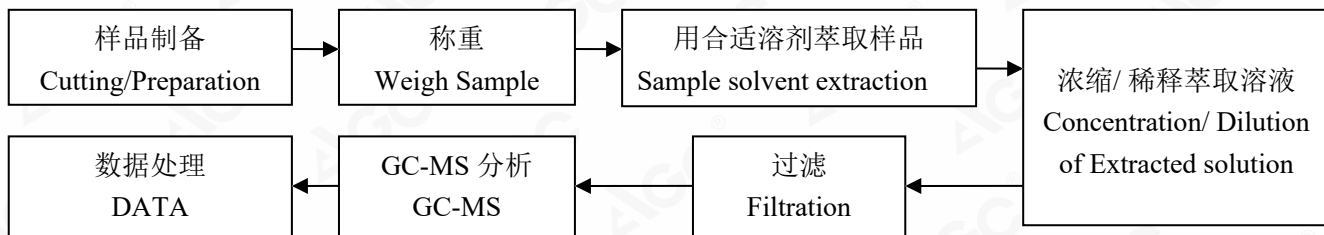
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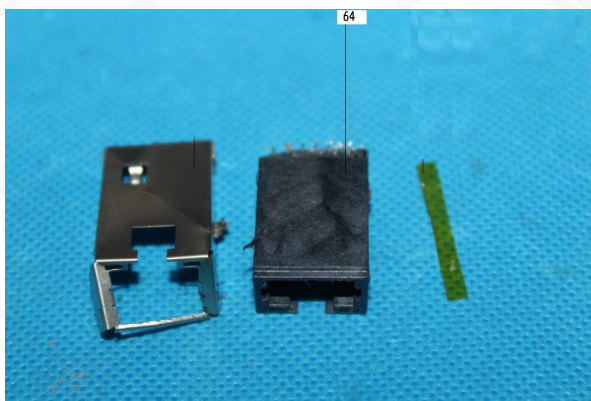
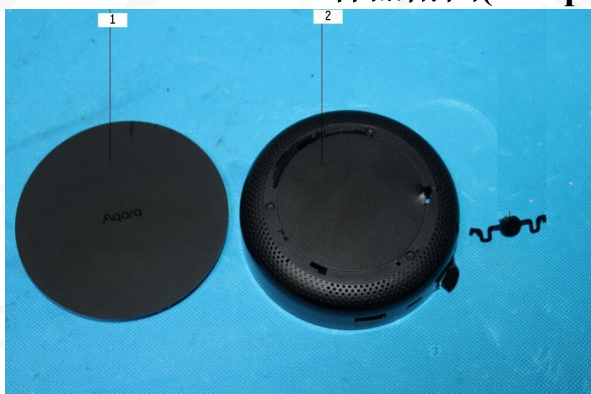
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测试流程图 (Test Flow Chart)



样品附图(The photo of the sample)



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