

TEST REPORT

CheckCode:824681
Report No.:C202213000550E

Applicant: Lumi United Technology Co., Ltd.
Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China

The following sample information was submitted and identified by/on the behalf of the client

Name: Motion Sensor P1
Specifications: MS-S02
Sample State: Normal

Date of Receipt: Dec.27, 2021 **Test Period:** Dec.27, 2021 – Jan.20, 2022

Test Request: As specified by client, to determine Polycyclic Aromatic Hydrocarbons (PAHs) content in the submitted sample.

Judge Standard: AfPS GS 2019:01 PAK

Test Result: Please refer to following page(s).

Conclusion: Based on the performed test on submitted sample, the result(s) comply with the limits as set by AfPS GS 2019:01 PAK.

Edited by Pan Min Reviewed by Huang Yingkun Approved by Zheng Xiaojing



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Seal of:

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Issue date:Jan.20,2022

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Sample description:

Sample No.	Description
1	White plastic shell with grey printing
2	White plastic sheet (On No.1)
3	Off-white plastic cover with grey printing (On No.1)
4	White plastic part (In No.1)
5	Translucent plastic part (In No.1)

Test result(s):

Test method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

No.	Test Item	CAS No.	Sample		Unit	MDL
			1	2		
1	Naphthalene	91-20-3	N.D.	N.D.	mg/kg	0.2
2	Phenanthrene	85-01-8	N.D.	N.D.	mg/kg	0.2
3	Anthracene	120-12-7	N.D.	N.D.	mg/kg	0.2
4	Fluoranthene	206-44-0	N.D.	N.D.	mg/kg	0.2
5	Pyrene	129-00-0	N.D.	N.D.	mg/kg	0.2
6	Benzo[a]anthracene	56-55-3	N.D.	N.D.	mg/kg	0.2
7	Chrysene	218-01-9	N.D.	N.D.	mg/kg	0.2
8	Benzo[b]fluoranthene	205-99-2	N.D.	N.D.	mg/kg	0.2
9	Benzo[j]fluoranthene	205-82-3	N.D.	N.D.	mg/kg	0.2
10	Benzo[k]fluoranthene	207-08-9	N.D.	N.D.	mg/kg	0.2
11	Benzo[e]pyrene	192-97-2	N.D.	N.D.	mg/kg	0.2
12	Benzo[a]pyrene	50-32-8	N.D.	N.D.	mg/kg	0.2
13	Indeno[1,2,3-cd]pyrene	193-39-5	N.D.	N.D.	mg/kg	0.2
14	Dibenzo[a,h]anthracene	53-70-3	N.D.	N.D.	mg/kg	0.2
15	Benzo[g,h,i]perylene	191-24-2	N.D.	N.D.	mg/kg	0.2
Sum of No. 2 to No. 5 of listed PAHs		---	N.D.	N.D.	mg/kg	---
Sum of 15 PAHs		---	N.D.	N.D.	mg/kg	---

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			3	4	5		
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2	Phenanthrene	85-01-8	N.D.	N.D.	N.D.	mg/kg	0.2
3	Anthracene	120-12-7	N.D.	N.D.	N.D.	mg/kg	0.2
4	Fluoranthene	206-44-0	N.D.	N.D.	N.D.	mg/kg	0.2
5	Pyrene	129-00-0	N.D.	N.D.	N.D.	mg/kg	0.2
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7	Chrysene	218-01-9	N.D.	N.D.	N.D.	mg/kg	0.2
8	Benzo[b]fluoranthene	205-99-2	N.D.	N.D.	N.D.	mg/kg	0.2
9	Benzo[j]fluoranthene	205-82-3	N.D.	N.D.	N.D.	mg/kg	0.2
10	Benzo[k]fluoranthene	207-08-9	N.D.	N.D.	N.D.	mg/kg	0.2
11	Benzo[e]pyrene	192-97-2	N.D.	N.D.	N.D.	mg/kg	0.2
12	Benzo[a]pyrene	50-32-8	N.D.	N.D.	N.D.	mg/kg	0.2
13	Indeno[1,2,3-cd]pyrene	193-39-5	N.D.	N.D.	N.D.	mg/kg	0.2
14	Dibenzo[a,h]anthracene	53-70-3	N.D.	N.D.	N.D.	mg/kg	0.2
15	Benzo[g,h,i]perylene	191-24-2	N.D.	N.D.	N.D.	mg/kg	0.2
Sum of No. 2 to No. 5 of listed PAHs		---	N.D.	N.D.	N.D.	mg/kg	---
Sum of 15 PAHs		---	N.D.	N.D.	N.D.	mg/kg	---

- Remark: 1) mg/kg = ppm
 2) MDL= Method Detection Limit
 3) "N.D." = Not Detected (Below method detection limit)
 4) Limit = Category 3 (Other Consumer Products)
 5) The performed tests on selected parts of submitted sample(s) as requested by client.

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Limit:

Parameter	Category 1	Category 2		Category 3	
	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	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	Use by children(< 14 years) includes both active and passive direct contact	Other Consumer Products	Use by children(< 14 years) includes both active and passive direct contact
Benzo[a]pyrene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Benzo[e]pyrene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Benzo[a]anthracene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Benzo[b]fluoranthene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Benzo[j]fluoranthene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1

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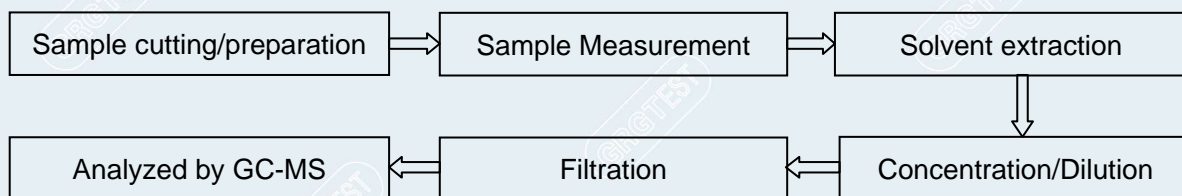
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Parameter	Category 1	Category 2		Category 3	
Benzo[k]fluoranthene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Chrysene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Dibenzo[a,h]anthracene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Benzo[g,h,i]perylene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Indeno[1,2,3 cd]pyrene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Phenanthrene Pyrene Anthracene Fluoranthene (mg/kg)	<1 sum	<5 sum	<10 sum	<20 sum	<50 sum
Naphthalene (mg/kg)	<1	<2		<10	
Sum 15 PAHs (mg/kg)	<1	<5	<10	<20	<50

Test Process for PAHs.



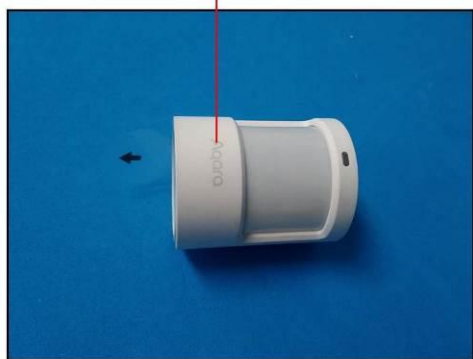
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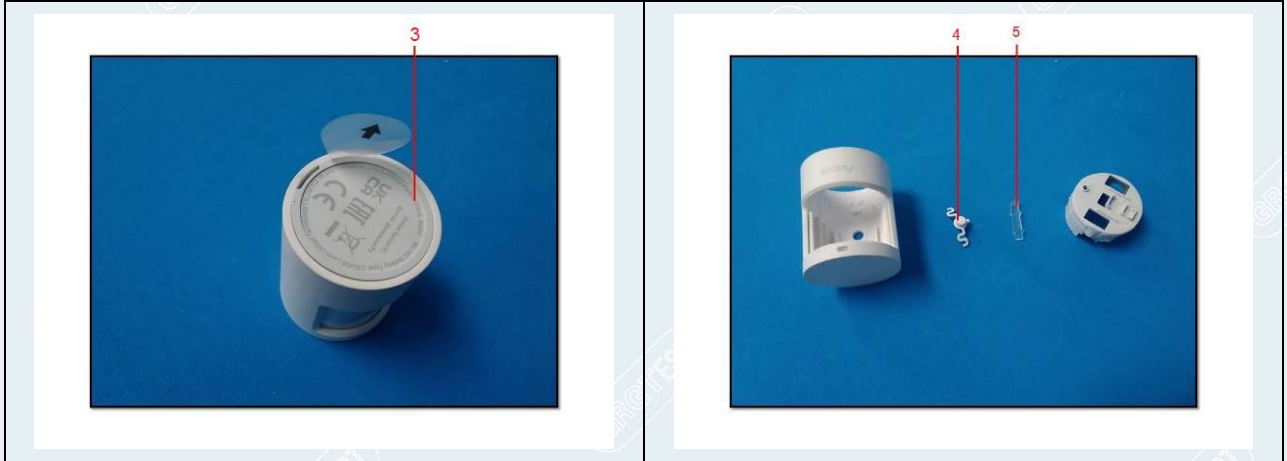
CheckCode:824681
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Photo of Sample



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