

TEST REPORT

CheckCode:777406
Report No.:C202213016257E

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: Smart Pet Feeder C1
Specifications: PETC1-M01
Sample State: Normal

Date of Receipt: Jun.23, 2022 **Test Period:** Jun.23, 2022 – Jul.8, 2022

Test Request: Polycyclic Aromatic Hydrocarbons (PAHs)

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 Liang Qixia Reviewed by Huang Yingkun Approved by Zheng Xiaqing



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Seal of:

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Issue date:Aug.23,2022

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Sample description:

Sample No.	Description
1	White plastic shell
2	White adhesive paper sheet with black printing (On No.1)
3	Translucent plastic shell (On No.1)
11	White plastic cover (On No.3)
12	White plastic shell (On No.11)
14	White plastic shell (In No.11)
16	White plastic shell (On No.11)
17	White plastic part (In No.3)
19	Dk-grey plastic part with white printing (On No.1)
20	Black plastic part with white printing (On No.19)
21	White plastic shell (In No.1)
84	White plastic shell (On No.1)
85	Black adhesive rubber sheet (On No.84)
87	White adhesive plastic sheet with black printing (On No.84)
88	White plastic cover (On No.84)
89	Translucent adhesive plastic sheet with black printing (On No.84)
175	White fiber thread
180	White plastic part (On No.175)
182	White plastic part
184	White plastic part (On No.175)
186	Black plastic part

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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+3	11+12+14		
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	---

No.	Test Item	CAS No.	Sample		Unit	MDL
			16+17+19	20+21+84		
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

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No.	Test Item	CAS No.	Sample		Unit	MDL
			16+17+19	20+21+84		
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	---

No.	Test Item	CAS No.	Sample		Unit	MDL
			85+87+88	89+175 +180		
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	---

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No.	Test Item	CAS No.	Sample		Unit	MDL
			85+87+88	89+175 +180		
Sum of 15 PAHs		---	N.D.	N.D.	mg/kg	---

No.	Test Item	CAS No.	Sample	Unit	MDL
			182+184+186		
1	Naphthalene	91-20-3	N.D.	mg/kg	0.2
2	Phenanthrene	85-01-8	N.D.	mg/kg	0.2
3	Anthracene	120-12-7	N.D.	mg/kg	0.2
4	Fluoranthene	206-44-0	N.D.	mg/kg	0.2
5	Pyrene	129-00-0	N.D.	mg/kg	0.2
6	Benzo[a]anthracene	56-55-3	N.D.	mg/kg	0.2
7	Chrysene	218-01-9	N.D.	mg/kg	0.2
8	Benzo[b]fluoranthene	205-99-2	N.D.	mg/kg	0.2
9	Benzo[j]fluoranthene	205-82-3	N.D.	mg/kg	0.2
10	Benzo[k]fluoranthene	207-08-9	N.D.	mg/kg	0.2
11	Benzo[e]pyrene	192-97-2	N.D.	mg/kg	0.2
12	Benzo[a]pyrene	50-32-8	N.D.	mg/kg	0.2
13	Indeno[1,2,3-cd]pyrene	193-39-5	N.D.	mg/kg	0.2
14	Dibenzo[a,h]anthracene	53-70-3	N.D.	mg/kg	0.2
15	Benzo[g,h,i]perylene	191-24-2	N.D.	mg/kg	0.2
Sum of No. 2 to No. 5 of listed PAHs		---	N.D.	mg/kg	---
Sum of 15 PAHs		---	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 2 (Other Consumer Products)
 - 5) Results shown are of the total weight of mixed samples.

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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		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	
		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	Other Consumer Products
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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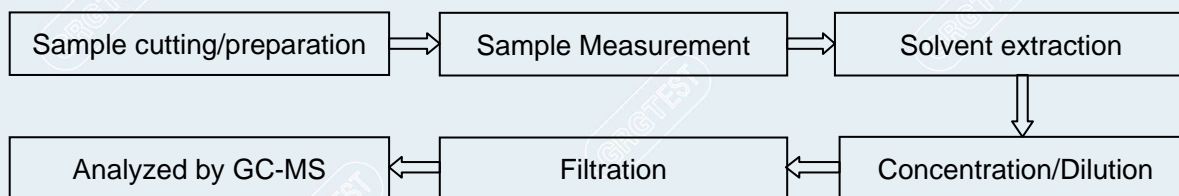
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Parameter	Category 1	Category 2		Category 3	
Benzo[k]fluoranthene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Chrysene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Dibenzo[a,h]anthracene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<1
Benzo[g,h,i]perylene (mg/kg)	< 0.2	< 0.2	<0.5	<0.5	<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.



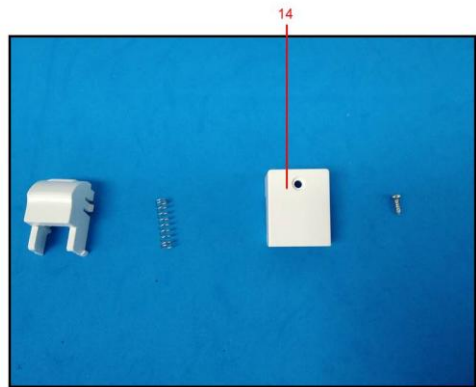
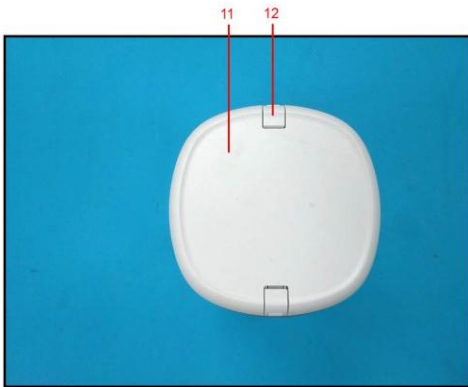
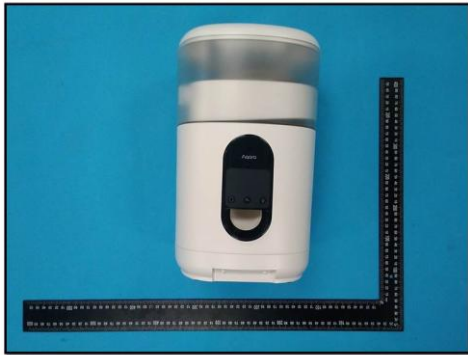
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Photo of Sample



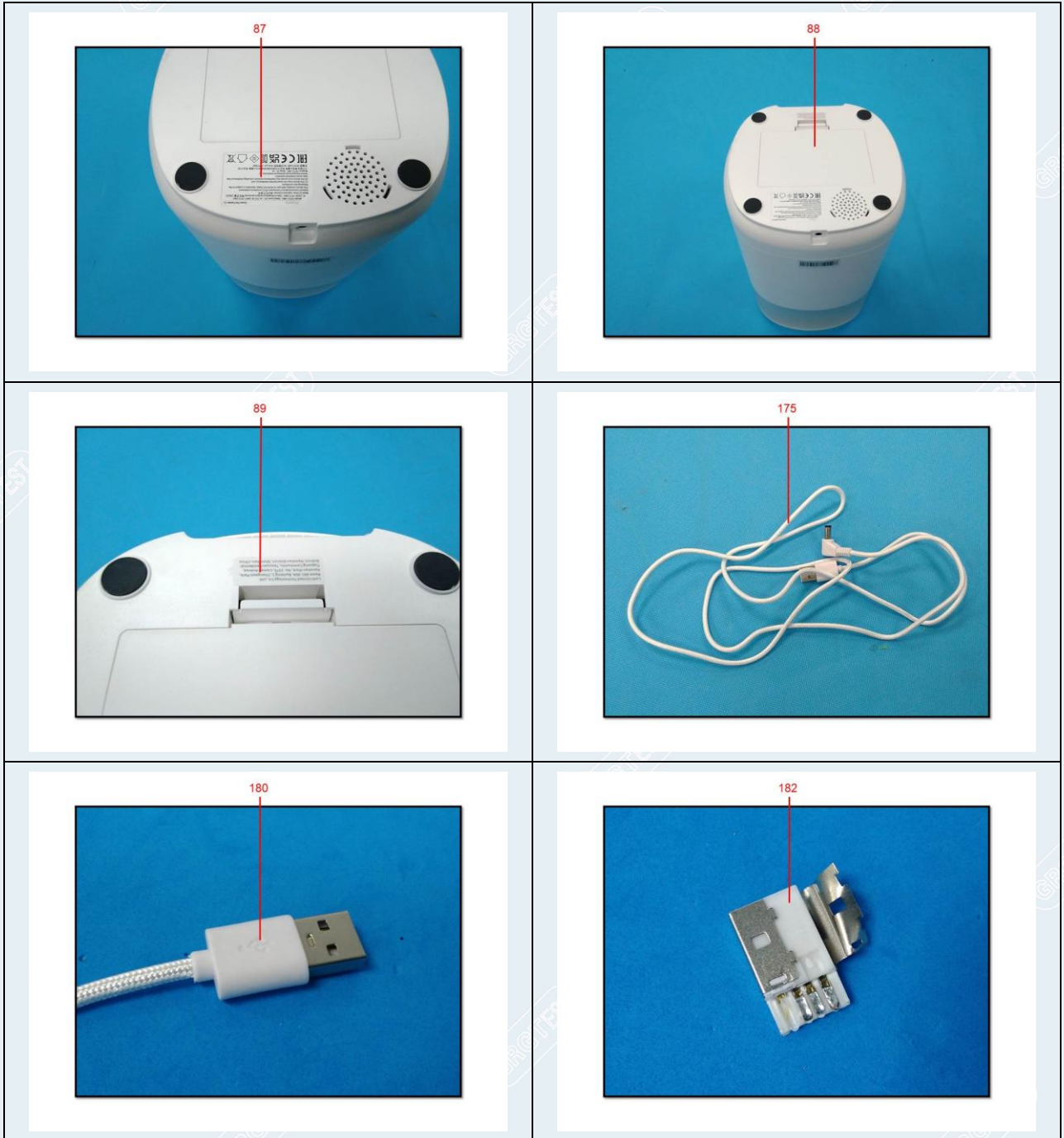
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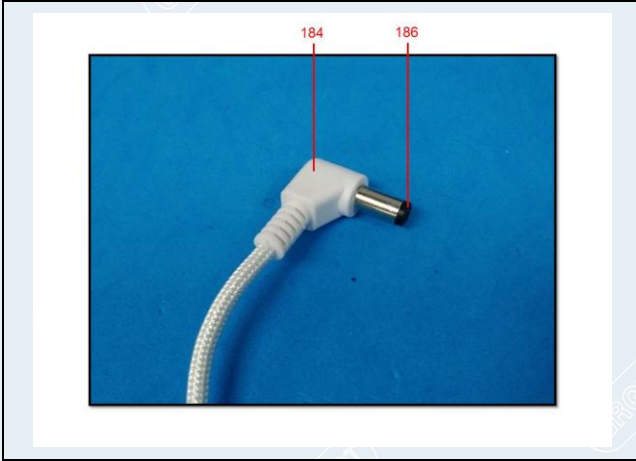
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