

## TEST REPORT

CheckCode:417572  
Report No.:C202213022048E

**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:** 1. Smart Video Doorbell G4, 2. Chime Repeater  
**Specifications:** 1. SVD-C01, 2. SVD-C02  
**Customer Reference Information:** Doorbell: SVD-C03, Repeater: SVD-C04  
**Sample State:** Normal

**Date of Receipt:** Aug.23, 2022      **Test Period:** Aug.23, 2022 – Sep.23, 2022  
Nov. 16, 2022      Nov. 16, 2022 – Nov. 24, 2022  
Nov. 22, 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 Peng Liman      Reviewed by Huang Yingkun      Approved by Zheng Xiaojing



扫一扫 验真伪

Seal of:

**GUANGZHOU GRG METROLOGY & TEST CO., LTD.**

Issue date:Dec.1,2022

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## Sample description:

Sample No.	Description
1-1	Grey coating
1-2	Black plastic shell
2	Black rubber part
5	Black plastic cover
6	Black glue
16	White plastic cover
22	Black plastic cover
23	Black plastic part
24	Black rubber part
181	Black plastic shell
182	Black plastic cover
224	Black rubber jacket
228	Black rubber part
233	Black rubber part
242	White plastic part
244	Black plastic part
248	Black plastic shell
249	Black plastic part
250-1	Black coating
250-2	White plastic cover
251	Black plastic part

## 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
			1-1	1-2	2	5		
1	Naphthalene	91-20-3	0.3	N.D.	N.D.	N.D.	mg/kg	0.2
2	Phenanthrene	85-01-8	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
3	Anthracene	120-12-7	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
4	Fluoranthene	206-44-0	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
5	Pyrene	129-00-0	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2

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No.	Test Item	CAS No.	Sample				Unit	MDL
			1-1	1-2	2	5		
6	Benzo[a]anthracene	56-55-3	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
7	Chrysene	218-01-9	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
8	Benzo[b]fluoranthene	205-99-2	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
9	Benzo[j]fluoranthene	205-82-3	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
10	Benzo[k]fluoranthene	207-08-9	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
11	Benzo[e]pyrene	192-97-2	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
12	Benzo[a]pyrene	50-32-8	N.D.	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.	N.D.	mg/kg	0.2
14	Dibenzo[a,h]anthracene	53-70-3	N.D.	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.	N.D.	mg/kg	0.2
<b>Sum of No. 2 to No. 5 of listed PAHs</b>		---	N.D.	N.D.	N.D.	N.D.	mg/kg	---
<b>Sum of 15 PAHs</b>		---	0.3	N.D.	N.D.	N.D.	mg/kg	---

No.	Test Item	CAS No.	Sample				Unit	MDL
			6	16	22	23		
1	Naphthalene	91-20-3	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
2	Phenanthrene	85-01-8	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
3	Anthracene	120-12-7	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
4	Fluoranthene	206-44-0	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
5	Pyrene	129-00-0	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
6	Benzo[a]anthracene	56-55-3	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
7	Chrysene	218-01-9	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
8	Benzo[b]fluoranthene	205-99-2	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
9	Benzo[j]fluoranthene	205-82-3	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
10	Benzo[k]fluoranthene	207-08-9	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
11	Benzo[e]pyrene	192-97-2	N.D.	N.D.	N.D.	N.D.	mg/kg	0.2
12	Benzo[a]pyrene	50-32-8	N.D.	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.	N.D.	mg/kg	0.2
14	Dibenzo[a,h]anthracene	53-70-3	N.D.	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.	N.D.	mg/kg	0.2

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No.	Test Item	CAS No.	Sample				Unit	MDL
			6	16	22	23		
<b>Sum of No. 2 to No. 5 of listed PAHs</b>		---	N.D.	N.D.	N.D.	N.D.	mg/kg	---
<b>Sum of 15 PAHs</b>		---	N.D.	N.D.	N.D.	N.D.	mg/kg	---

No.	Test Item	CAS No.	Sample			Unit	MDL
			24	181	182		
1	Naphthalene	91-20-3	N.D.	N.D.	N.D.	mg/kg	0.2
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
6	Benzo[a]anthracene	56-55-3	N.D.	N.D.	N.D.	mg/kg	0.2
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
<b>Sum of No. 2 to No. 5 of listed PAHs</b>		---	N.D.	N.D.	N.D.	mg/kg	---
<b>Sum of 15 PAHs</b>		---	N.D.	N.D.	N.D.	mg/kg	---

No.	Test Item	CAS No.	Sample			Unit	MDL
			224	228	233		
1	Naphthalene	91-20-3	0.8	N.D.	N.D.	mg/kg	0.2
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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No.	Test Item	CAS No.	Sample			Unit	MDL
			224	228	233		
6	Benzo[a]anthracene	56-55-3	N.D.	N.D.	N.D.	mg/kg	0.2
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
<b>Sum of No. 2 to No. 5 of listed PAHs</b>		---	N.D.	N.D.	N.D.	mg/kg	---
<b>Sum of 15 PAHs</b>		---	0.8	N.D.	N.D.	mg/kg	---

No.	Test Item	CAS No.	Sample		Unit	MDL
			242	244		
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

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No.	Test Item	CAS No.	Sample		Unit	MDL
			242	244		
<b>Sum of No. 2 to No. 5 of listed PAHs</b>		---	N.D.	N.D.	mg/kg	---
<b>Sum of 15 PAHs</b>		---	N.D.	N.D.	mg/kg	---

No.	Test Item	CAS No.	Sample			Unit	MDL
			248	249	250-1		
1	Naphthalene	91-20-3	N.D.	N.D.	0.5	mg/kg	0.2
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
6	Benzo[a]anthracene	56-55-3	N.D.	N.D.	N.D.	mg/kg	0.2
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
<b>Sum of No. 2 to No. 5 of listed PAHs</b>		---	N.D.	N.D.	N.D.	mg/kg	---
<b>Sum of 15 PAHs</b>		---	N.D.	N.D.	0.5	mg/kg	---

No.	Test Item	CAS No.	Sample		Unit	MDL
			250-2	251		
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

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No.	Test Item	CAS No.	Sample		Unit	MDL
			250-2	251		
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
<b>Sum of No. 2 to No. 5 of listed PAHs</b>		---	N.D.	N.D.	mg/kg	---
<b>Sum of 15 PAHs</b>		---	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).  
 6) Result shown of specimen 250-1 was based on sample resubmitted by 2022-11-22.

## 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	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

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Parameter	Category 1	Category 2		Category 3	
	or - for the use by children up to 3 years of age	Use by children(< 14 years)incl udes both active and passive direct contact	Other Consumer Products	Use by children(< 14 years)incl udes 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
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	<1 sum	<5 sum	<10 sum	<20 sum	<50 sum

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Parameter	Category 1	Category 2		Category 3	
Pyrene Anthracene Fluoranthene (mg/kg)					
Naphthalene (mg/kg)	<1	<2		<10	
Sum 15 PAHs (mg/kg)	<1	<5	<10	<20	<50

Test Process for PAHs.

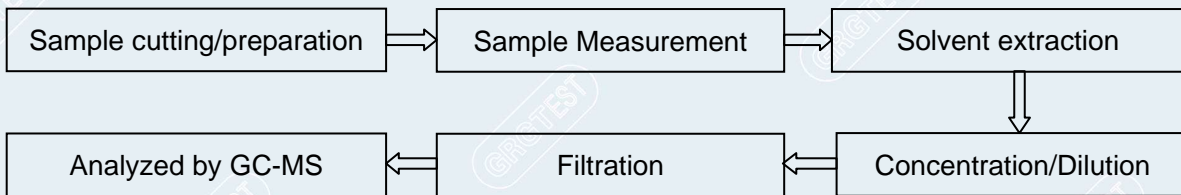
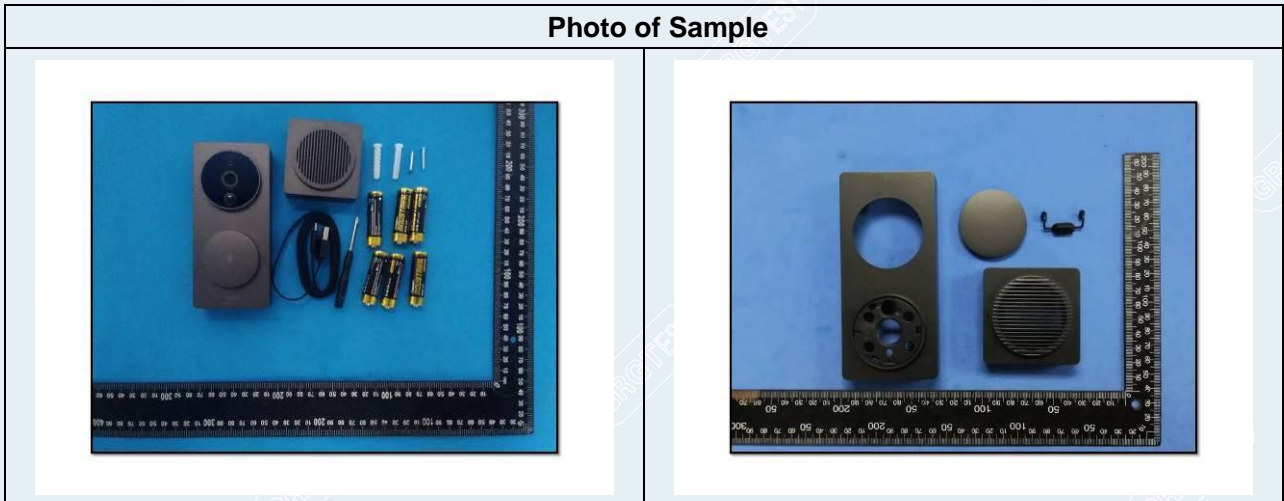


Photo of Sample



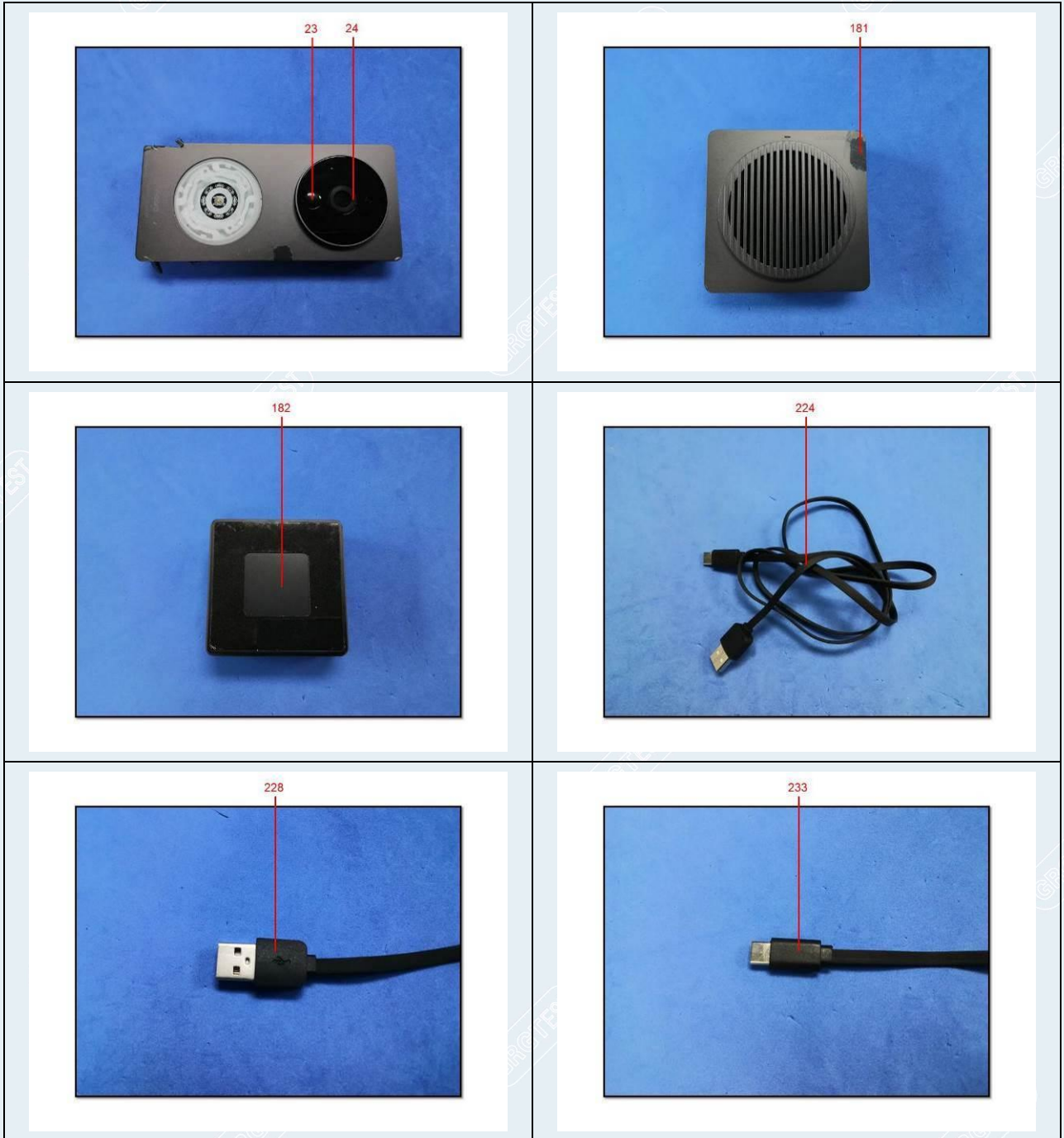
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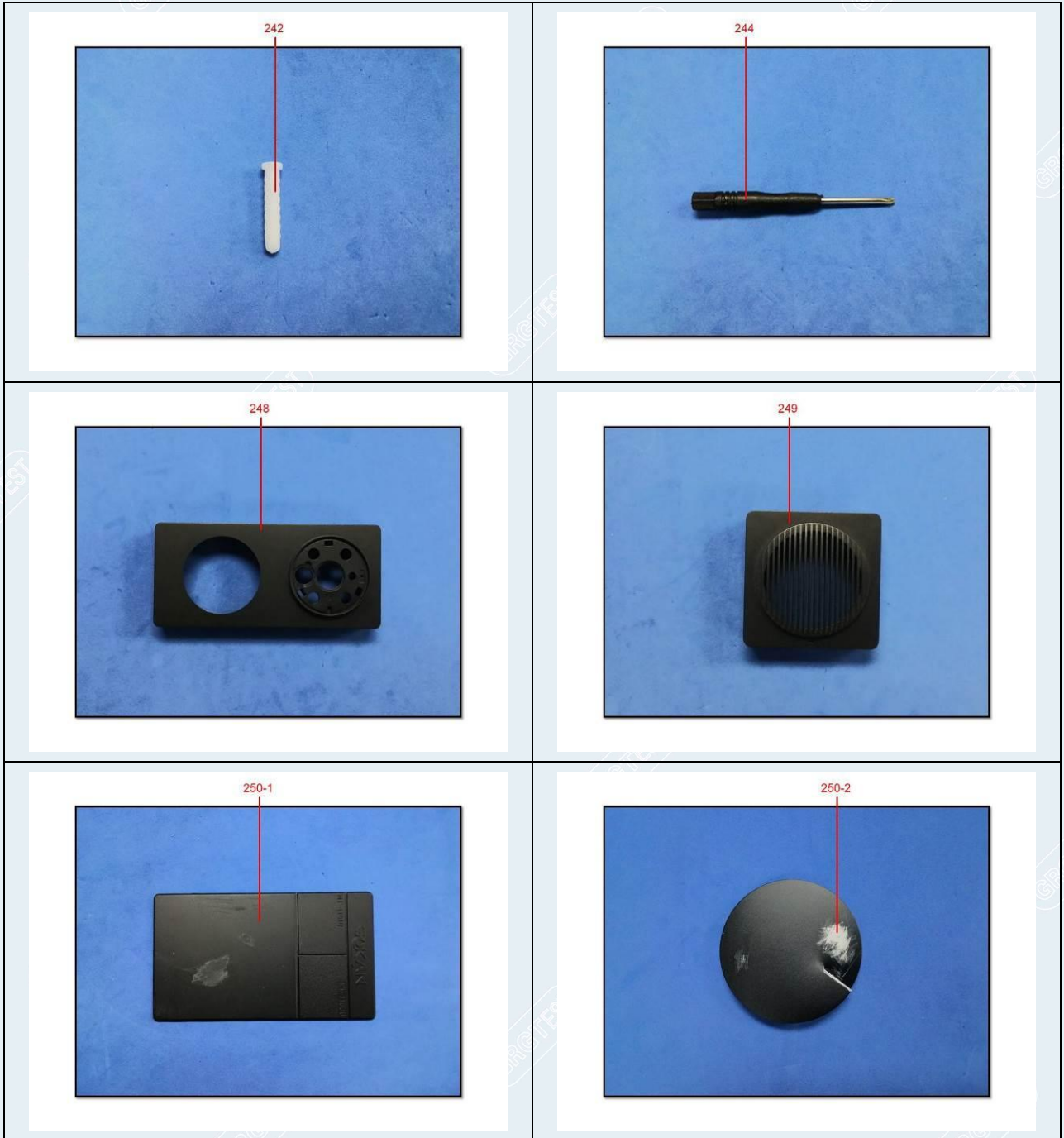
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-----End of Report-----