



# RoHS TEST REPORT

**Report Reference No**.....: **ZKT-251125L27949R**  
**Date of issue**.....: Nov. 24, 2025  
**Testing Laboratory**.....: **Shenzhen ZKT Technology Co., Ltd.**  
**Address**.....: 1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China  
**Applicant's name**.....: **Zhejiang Lijujia Sports Equipment Co., Ltd.**  
**Address**.....: No.58, Dangui South Road, Xicheng Street, Yongkang City  
**Manufacturer's name** .....: **Zhejiang Lijujia Sports Equipment Co., Ltd.**  
**Address**.....: No.58, Dangui South Road, Xicheng Street, Yongkang City

| <b>Test Requested:</b>  | <b>Conclusion</b> |
|---|-------------------|
| (1) RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102                         |                   |
| —Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs Content  | PASS              |
| —Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content | PASS              |

**Test Report Form No**.....: --  
**Test Report Form(s) Originator**.....: ZKT Testing  
**Master TRF**.....: Dated: 2017-06

**This test report is specially limited to the above client company and product model only. It does not be duplicated without prior written consent of ZKT Test.**

**Test item description**.....: Walking treadmill  
**Trade Mark**.....: /  
**Model/Type reference**.....: 3827  
3827W



**Testing procedure and testing location:**

**Testing Laboratory.....: Shenzhen ZKT Technology Co., Ltd.**

**Address.....: 1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China**

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**Date of Test.....: Nov. 13, 2025 - Nov. 24, 2025**

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**Tested by (name + signature).....: Doris Zhan** 

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**Reviewer (name + signature).....: Peter Huang** 

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**Approved (name + signature).....: Awen He** 

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**1. Revision History:**

| <b>Report No.</b> | <b>Issue Date</b> | <b>Description</b> | <b>Approved</b> |
|-------------------|-------------------|--------------------|-----------------|
| ZKT-251125L27949R | Nov. 24, 2025     | Original           | Valid           |
|                   |                   |                    |                 |

Note: Once the revision has been made, then previous versions reports are invalid.



## 2. Test Results:

### 2.1 Lead, Mercury, Cadmium, Hexavalent Chromium, PBB and PBDE content

Test Method: IEC 62321-3-1:2013, IEC 62321-4:2013+A1:2017, IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-7-1:2015, IEC 62321-7-2:2017, analyzed by ED-XRF & ICP-OES & GC-MS & UV-Vis.

| Part No. | Sample Description        | Conclusion Of ED-XRF |    |    |         |      |      | Result of Wet Chemical Testing(mg/kg) |
|----------|---------------------------|----------------------|----|----|---------|------|------|---------------------------------------|
|          |                           | Pb                   | Cd | Hg | Cr(VI)▼ | PBB  | PBDE |                                       |
| 1        | Orange plastic            | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 2        | Black metal               | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 3        | Blue metal                | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 4        | Black metal               | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 5        | Black plastic             | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 6        | Black plastic wire jacket | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 7        | Red plastic wire jacket   | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 8        | Silvery metal             | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 9        | Silvery metal             | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 10       | Silvery plastic           | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 11       | Black plastic             | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 12       | Black plastic             | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 13       | Black plastic             | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 14       | Silvery metal             | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 15       | Black plastic             | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |



| Part No. | Sample Description         | Conclusion Of ED-XRF |    |    |         |      |      | Result of Wet Chemical Testing(mg/kg) |
|----------|----------------------------|----------------------|----|----|---------|------|------|---------------------------------------|
|          |                            | Pb                   | Cd | Hg | Cr(VI)▼ | PBB  | PBDE |                                       |
| 16       | Black plastic              | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 17       | Silvery metal screw        | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 18       | Silvery metal              | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 19       | Silvery metal              | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 20       | Brown plastic wire jacket  | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 21       | Blue plastic               | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 22       | Blue plastic wire jacket   | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 23       | White plastic wire jacket  | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 24       | Black plastic              | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 25       | Black rubber               | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 26       | Silvery metal screw        | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 27       | White plastic              | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 28       | Silvery metal screw        | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 29       | White plastic              | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 30       | Black cladding metal screw | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 31       | Black plastic              | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 32       | Black IC SMD               | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 33       | White plastic              | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |



| Part No. | Sample Description                                       | Conclusion Of ED-XRF |    |    |         |      |      | Result of Wet Chemical Testing(mg/kg) |
|----------|--|----------------------|----|----|---------|------|------|---------------------------------------|
|          |  | Pb                   | Cd | Hg | Cr(VI)▼ | PBB  | PBDE |                                       |
| 34       | Silvery metal  | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 35       | Black IC SMD   | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 36       | Black fabric   | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 37       | Transparent plastic                                      | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 38       | Solder   | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 39       | Green cladding PCB board                                 | BL                   | BL | BL | BL      | IN   | IN   | PBBs:ND;<br>PBDEs:ND                  |
| 40       | Black plastic w/white printing (Capacitor)               | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 41       | Black rubber cover (Capacitor)                           | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 42       | Blue body w/black printing (piezoresistor)               | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 43       | Yellow plastic shell w/black printing (safety capacitor) | BL                   | BL | BL | BL      | IN   | IN   | PBBs:ND;<br>PBDEs:ND                  |
| 44       | Green plastic w/golden printing (Capacitor)              | BL                   | BL | BL | BL      | BL   | BL   | N.A.                                  |
| 45       | Silvery aluminum metal body (Capacitor)                  | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 46       | Solder   | BL                   | BL | BL | BL      | N.A. | N.A. | N.A.                                  |
| 47       | Silvery metal  | OL                   | BL | BL | BL      | N.A. | N.A. | Pb:18478#                             |

**Notes:**

(1) Interpretation of screening results by X-ray fluorescence spectrometry (XRF):

(a) Results are obtained by ED-XRF for primary screening, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-VIS (for Cr<sup>6+</sup>) and GC-MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013.

(unit: mg/kg)



| Element | Polymers  | Metals  | Composite Material                                    |
|---------|---|---|---|
| Cd      | $BL \leq (70-3\sigma) < IN < (130+3\sigma) \leq OL$   | $BL \leq (70-3\sigma) < IN < (130+3\sigma) \leq OL$   | $LOD < IN < (150+3\sigma) \leq OL$                    |
| Pb      | $BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$ | $BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$ | $BL \leq (500-3\sigma) < IN < (1500+3\sigma) \leq OL$ |
| Hg      | $BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$ | $BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$ | $BL \leq (500-3\sigma) < IN < (1500+3\sigma) \leq OL$ |
| Br      | $BL \leq (300-3\sigma) < IN$                          | Not applicable  | $BL \leq (250-3\sigma) < IN$                          |
| Cr      | $BL \leq (700-3\sigma) < IN$                          | $BL \leq (700-3\sigma) < IN$                          | $BL \leq (500-3\sigma) < IN$                          |

(b) For regulated substances [polybrominated biphenyls (PBBs), polybrominated diphenyl ethers (PBDEs)], the results showed the total Br content, while for regulated substance Cr(VI), the results showed the total Cr content. If the quantitative results for the elements Br and/or Cr are higher than the limit (for Br calculated based on the stoichiometry of Br in the most common congeners of PBB/PBDE), the sample is "inconclusive".

(c) Results are obtained by EDXRF for primary screening, LOD = Limit of Detection, BL = Below Limit, OL = Over Limit, IN (The symbol X marks the region) = Inconclusive, where further investigation is necessary, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBB/PBDE) are recommended to be performed.

(d) The EDXRF screening test for elements - The reading may be different to the actual content in the sample due to non-uniformity composition.

(2) Interpretation of results by chemical tests.

(a) mg/kg = ppm = milligram per kilogram = 0.0001%, N.D. = No Detection (<MDL), N.A. = Not Applicable.

(b) Unit and Method Detection Limit (MDL) in wet chemical testing.

| Test Item(s) | Pb    | Cd    | Hg    | Cr(VI) |                           | PBBs  | PBDEs |
|--------------|-------|-------|-------|--------|---------------------------|-------|-------|
| Units        | mg/kg | mg/kg | mg/kg | mg/kg  | $\mu\text{g}/\text{cm}^2$ | mg/kg | mg/kg |
| MDL          | 5     | 5     | 5     | 5      | 0.10                      | 5     | 5     |

The MDL for single compound of PBBs and PBDEs is 5mg/kg.

The MDL of Cr(VI) for polymers and electronics sample is 5mg/kg.

The MDL of Cr(VI) for colourless and coloured corrosion-protected coatings on metal sample is  $0.10 \mu\text{g}/\text{cm}^2$ .

(c) ▼ = Metal sample

According to IEC 62321-7-1:2015, determined of Cr(VI) on metal sample by boiling water extraction test method, and result is shown as Positive/Negative.

Boiling water extraction:

Negative = Absence of Cr(VI) coating, the detected concentration in boiling water extraction solution is less than  $0.10 \mu\text{g}/\text{cm}^2$ .

Positive = Presence of Cr(VI) coating, the detected concentration in boiling water extraction solution is greater than  $0.13 \mu\text{g}/\text{cm}^2$ .

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

(3) Requirement as per EU RoHS Directive 2011/65/EU.

| Test Item(s)                     | Limits Requirement |
|----------------------------------|--------------------|
| Cadmium(Cd)                      | 0.01%(100 mg/kg)   |
| Lead(Pb)                         | 0.1%(1000 mg/kg)   |
| Mercury(Hg)                      | 0.1%(1000 mg/kg)   |
| Chromium (VI)(Cr <sup>6+</sup> ) | 0.1%(1000 mg/kg)   |



|                                       |                  |
|---------------------------------------|------------------|
| Polybrominated Biphenyls(PBBs)        | 0.1%(1000 mg/kg) |
| Polybrominated Diphenyl Ethers(PBDEs) | 0.1%(1000 mg/kg) |

(4) As specified by client, only test the designated sample.

(5) This column represents the exempted decoration of material or other related testing sample's information.

According to the declaration from the client, lead in specimen(s) is exempted by EU RoHS Directive 2011/65/EU annex III and its amendment base on:

# Sample is copper alloy. The lead content which is under 4%(40000mg/kg) is exempted from the requirement of EU RoHS Directive 2011/65/EU.



## 2.2 Phthalates (DEHP, BBP, DBP, DIBP) content

Test Method: IEC 62321-8:2017, analyzed by GC-MS.

| Part No. | Result of Chemical Testing(mg/kg) |      |      |      |
|----------|-----------------------------------|------|------|------|
|          | DIBP                              | DBP  | BBP  | DEHP |
| 1+5+10   | N.D.                              | N.D. | N.D. | N.D. |
| 6+7+11   | N.D.                              | N.D. | N.D. | N.D. |
| 12+13+15 | N.D.                              | N.D. | N.D. | N.D. |
| 16+21+24 | N.D.                              | N.D. | N.D. | N.D. |
| 20+22+23 | N.D.                              | N.D. | N.D. | N.D. |
| 25+41    | N.D.                              | N.D. | N.D. | N.D. |
| 27+29+31 | N.D.                              | N.D. | N.D. | N.D. |
| 32+33+35 | N.D.                              | N.D. | N.D. | N.D. |
| 36+37+39 | N.D.                              | N.D. | N.D. | N.D. |
| 40+44    | N.D.                              | N.D. | N.D. | N.D. |
| 42+43    | N.D.                              | N.D. | N.D. | N.D. |

### Notes:

- (1) mg/kg = ppm = milligram per kilogram, N.D. = No Detection(<MDL), N.A. = Not Applicable.
- (2) Requirement as per EU RoHS amendment Directive EU 2015/863. Unit and Method Detection Limit(MDL) in chemical testing.

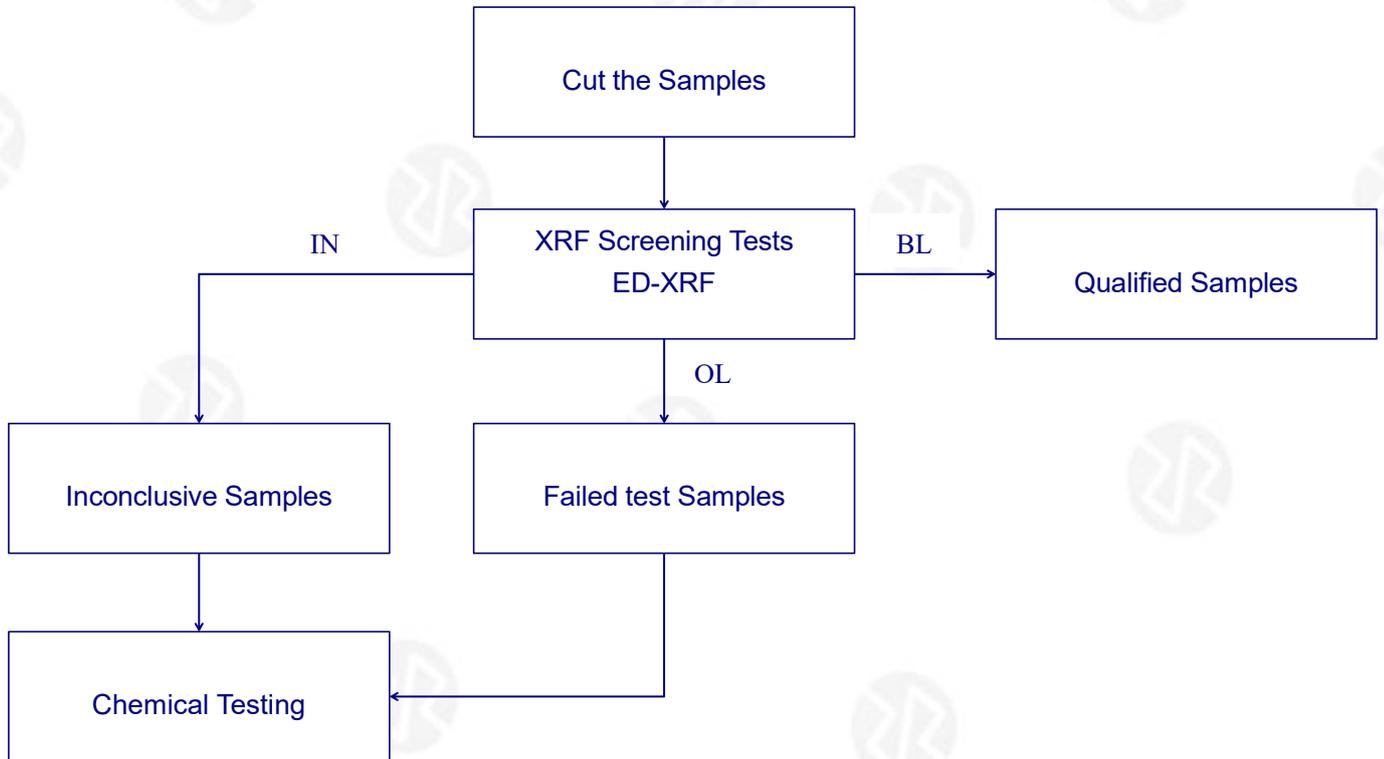
| Test Item(s)       | DIBP    | DBP     | BBP     | DEHP     |
|--------------------|---------|---------|---------|----------|
| Cas No.            | 84-69-5 | 84-74-2 | 85-68-7 | 117-81-7 |
| Units              | mg/kg   |         |         |          |
| MDL                | 50      | 50      | 50      | 50       |
| Limits Requirement | 1000    | 1000    | 1000    | 1000     |

- (3) Abbreviation: "DBP" denotes Dibutyl phthalate (DBP), "BBP" denotes Benzyl butyl phthalate (BBP), "DEHP" denotes Bis(2-ethylhexyl)-phthalate (DEHP), "DIBP" denotes Diisobutyl phthalate (DIBP).
- (4) As specified by client, only test the designated sample.
- (5) As specified by client, the submitted samples were mixed.

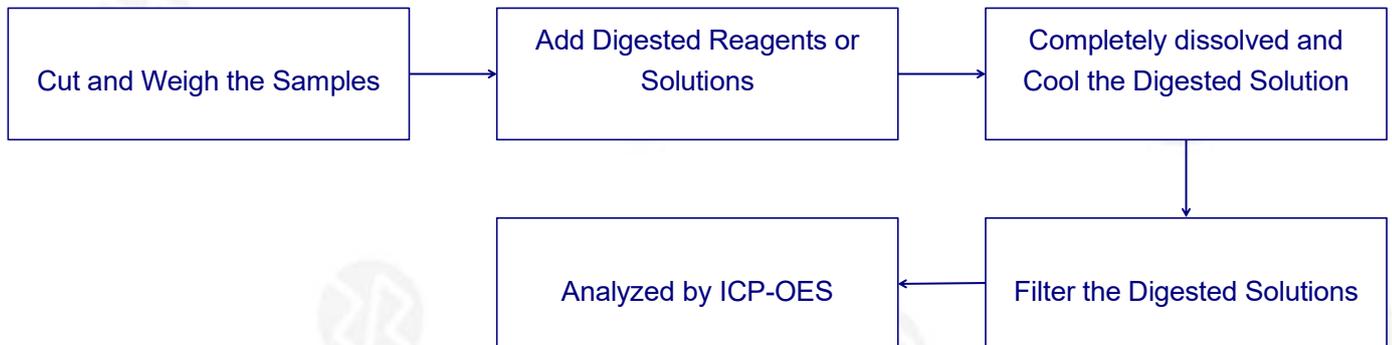


### Attachment A: Measurement Flow chart

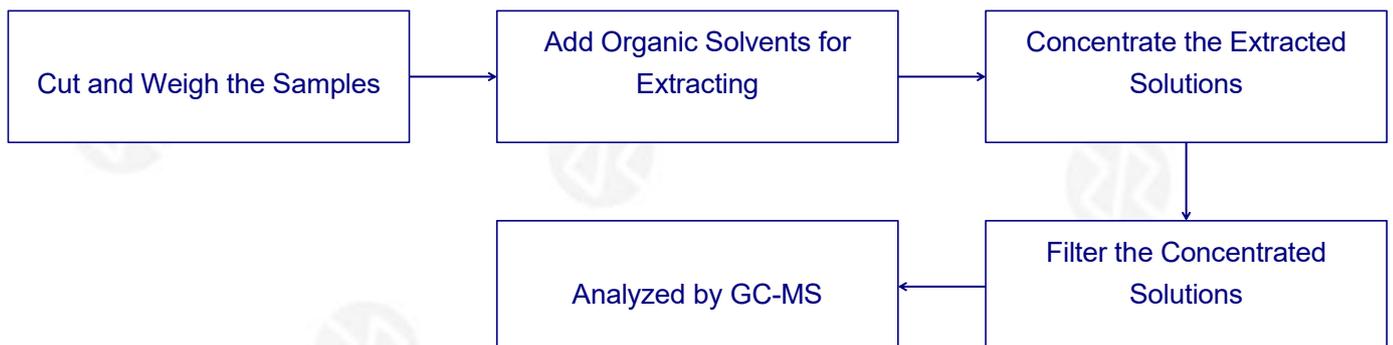
#### 1. ED-XRF Scan



#### 2. Lead, Cadmium, Mercury

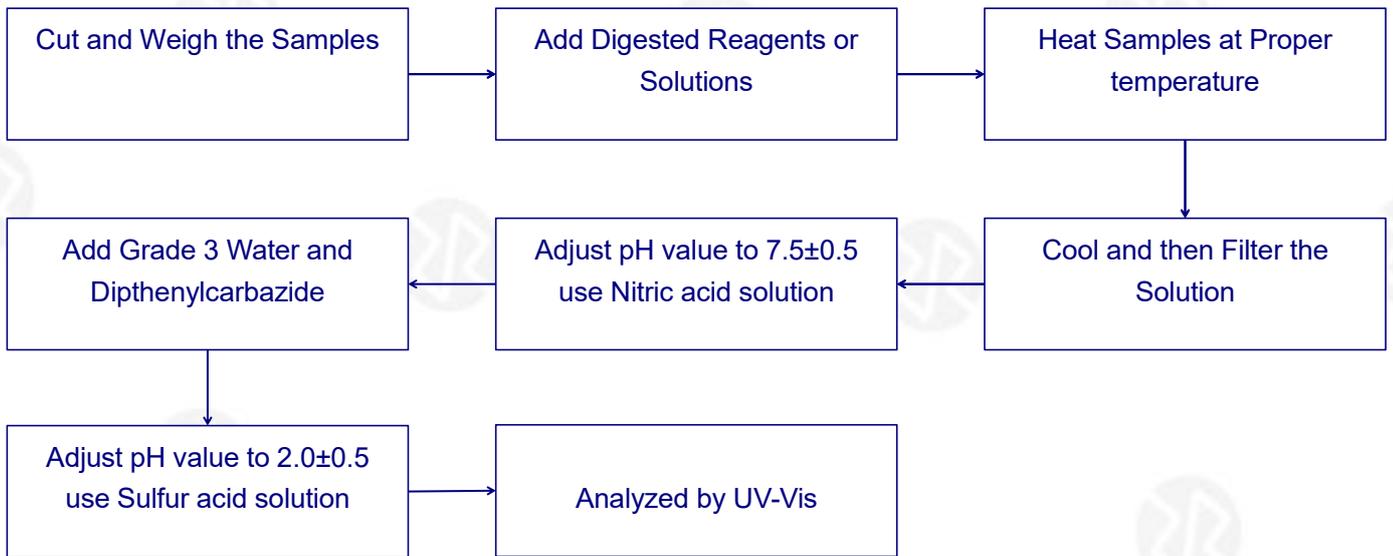


#### 3. PBBs & PBDEs, Phthalates

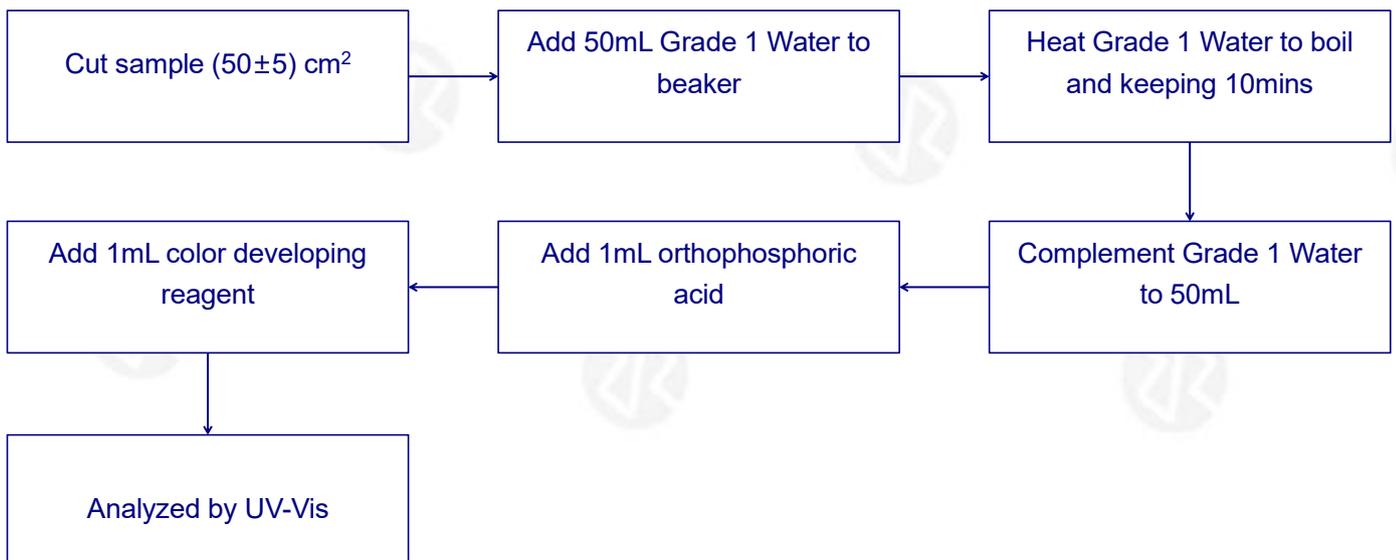




#### 4. Hexavalent Chromium (Non-metal)



#### 5. Hexavalent Chromium (Metal)





**ANNEX B: EUT photo-documentation**



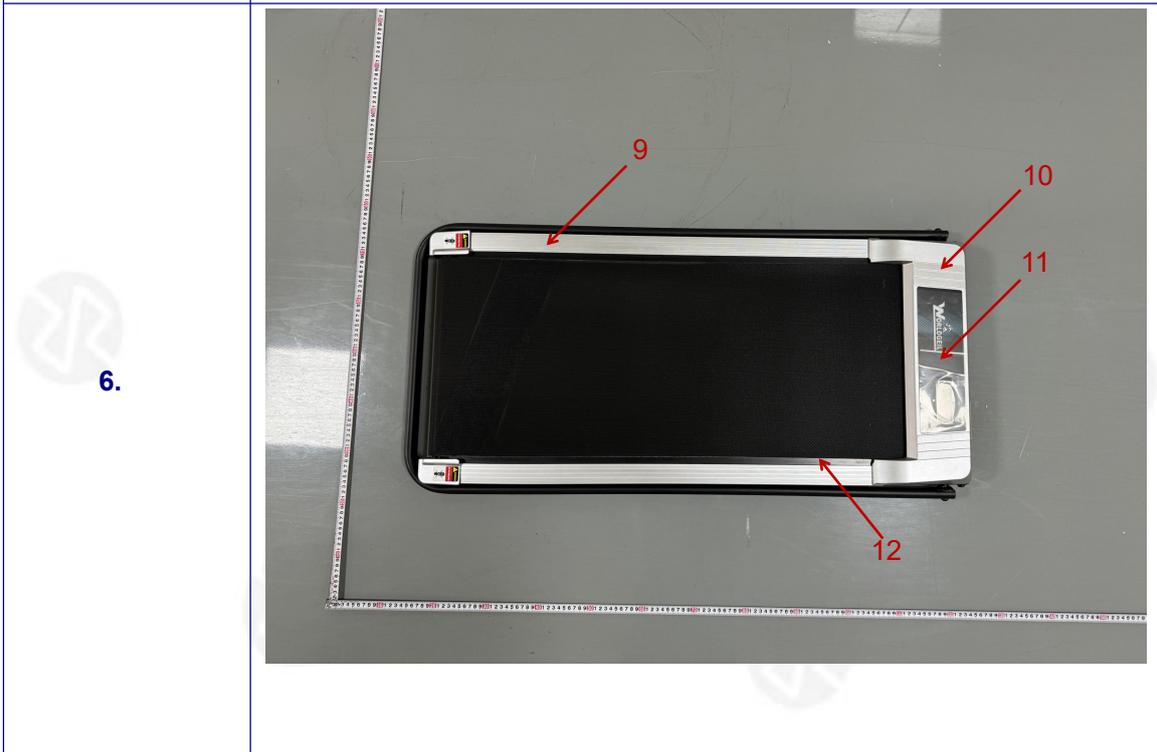
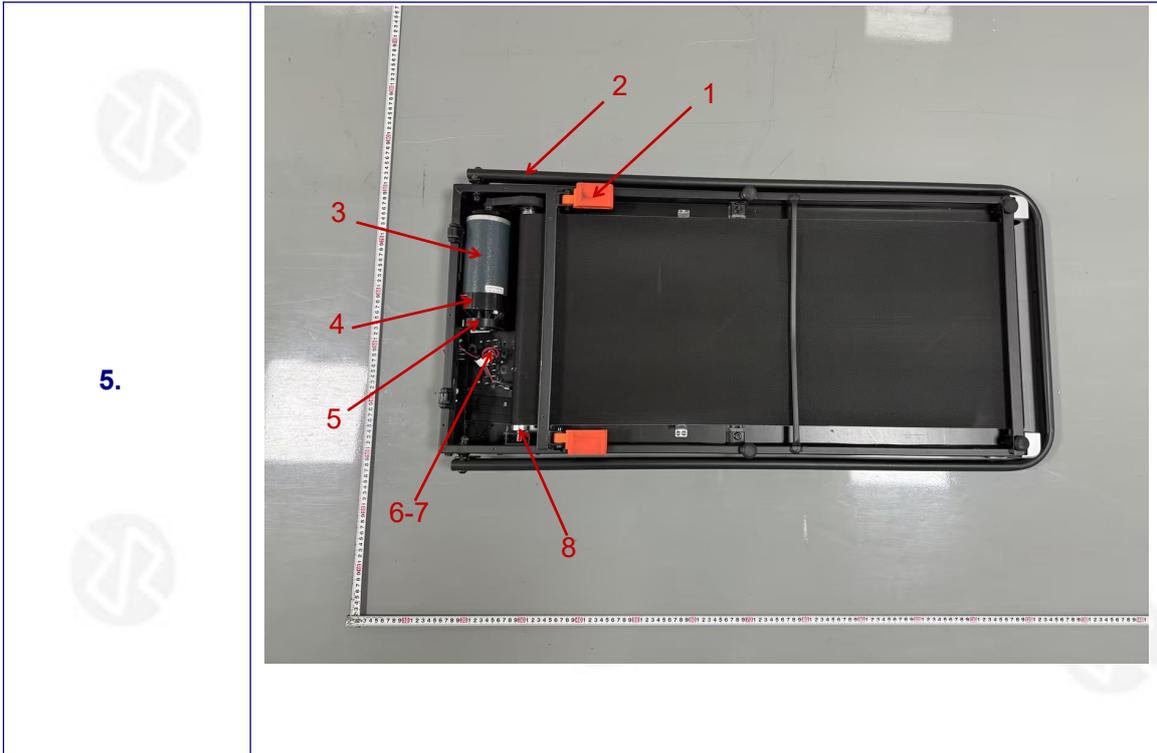


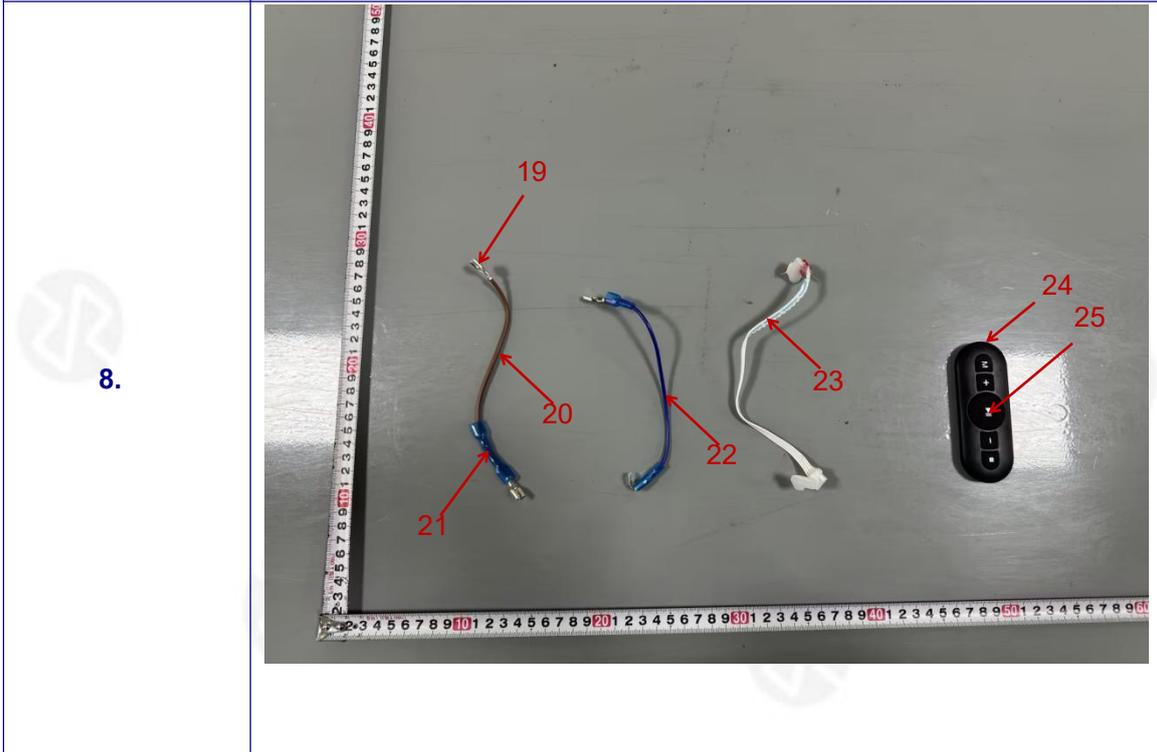
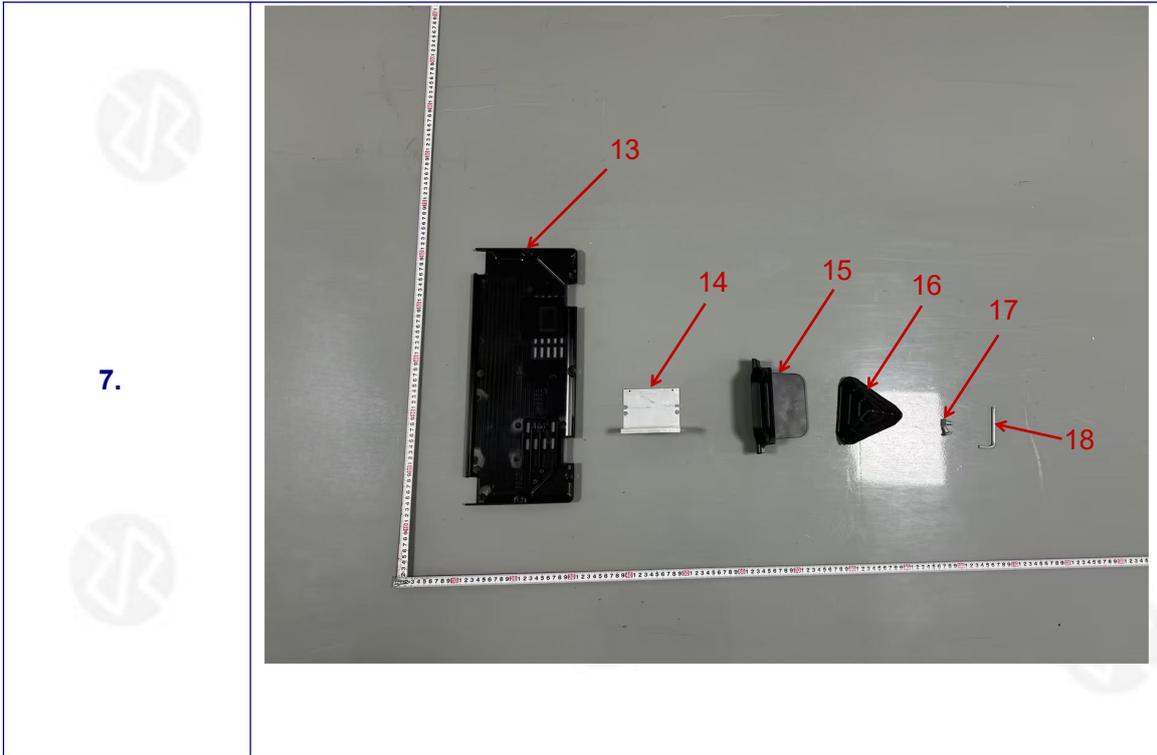
3.



4.

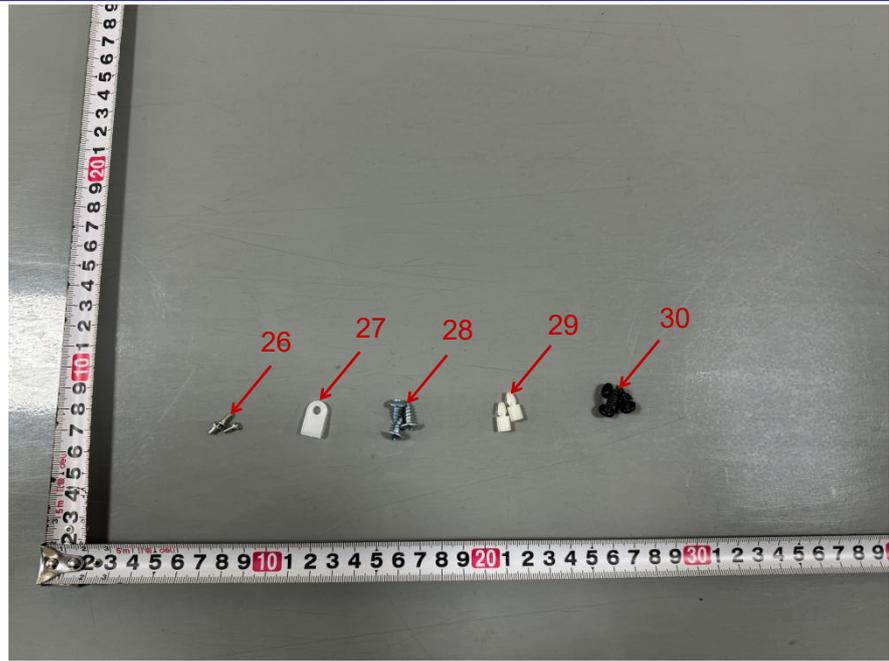




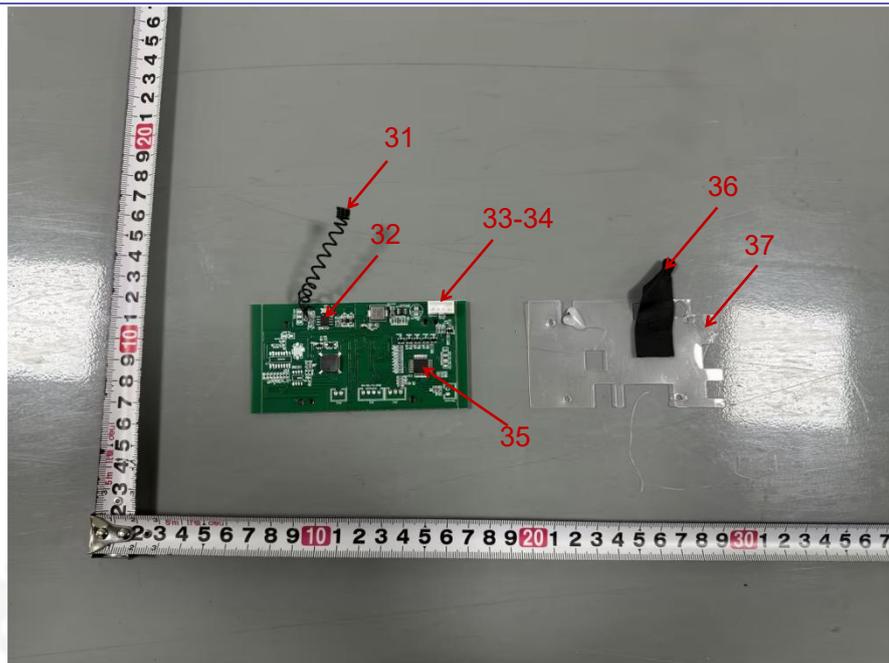




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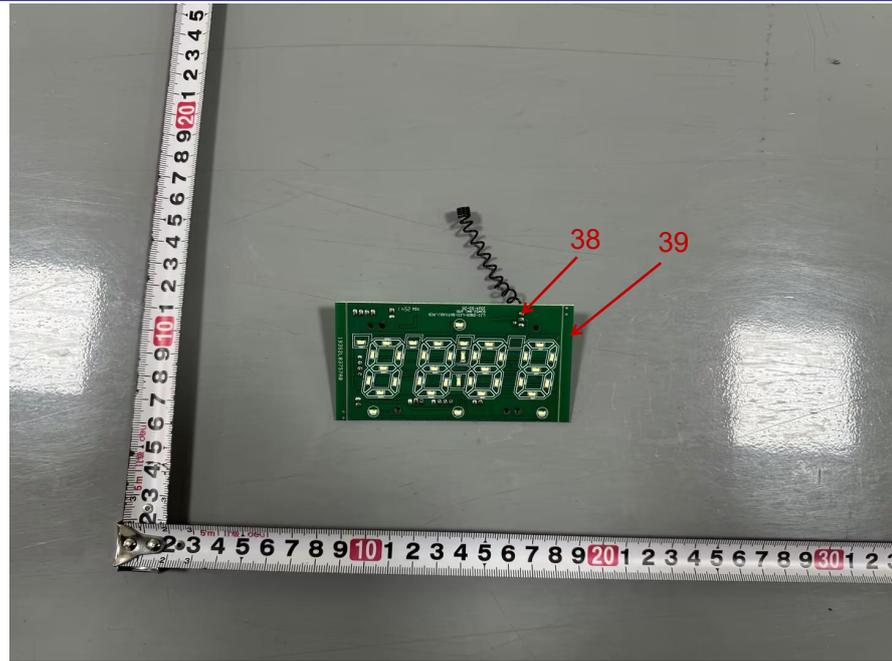


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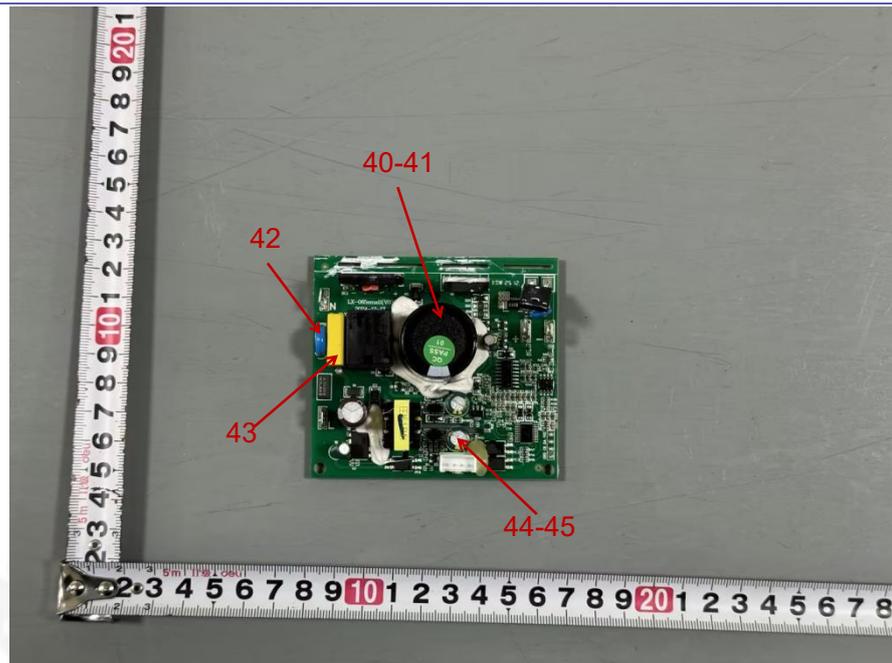




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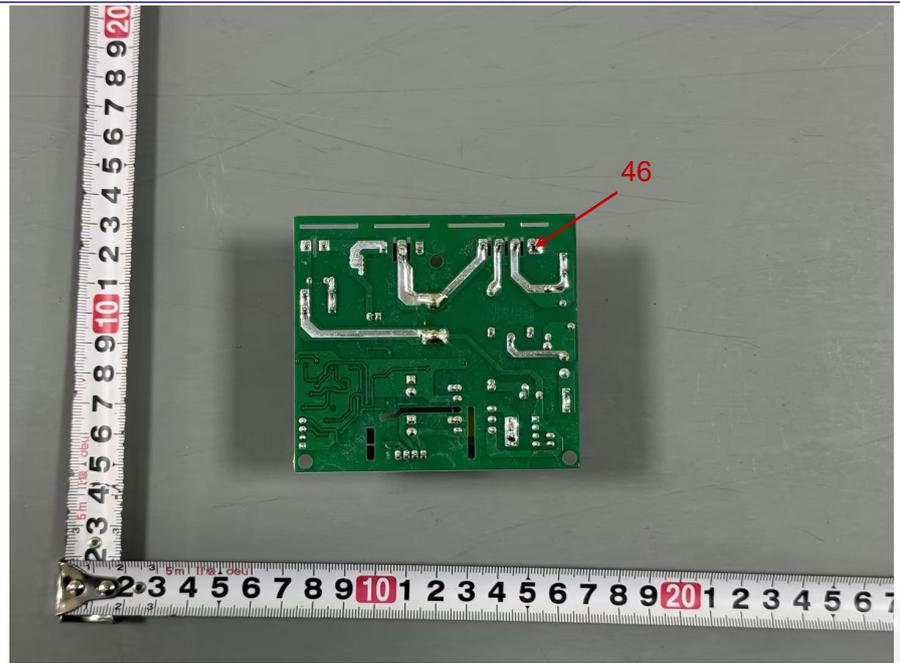


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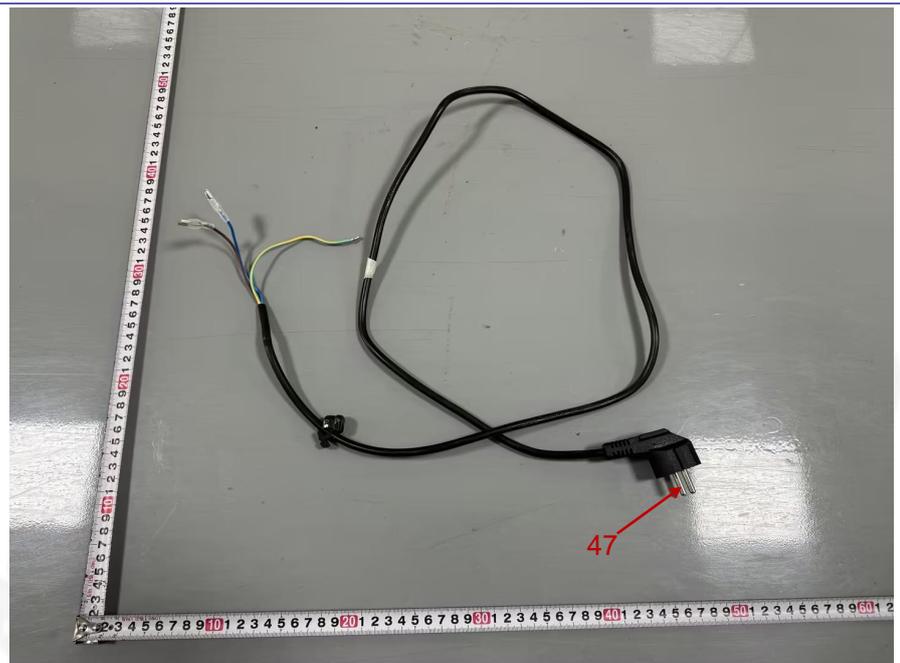




13.



14.



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