



Test Report

No.: S240228016001-1

Date: Mar 13, 2024

Page 1 of 24

Customer: Shenzhen DOOGEE Hengtong Technology CO.,LTD

Customer Address: B, 2/F, Building A4, Silicon Valley Power Digital Industrial Park, No. 22, Dafu Industrial Zone, Guanlan Aobei Community, Guanlan Street, Longhua New District, Shenzhen, Guangdong China

Sample Name: Smart Phone

Trademark: DOOGEE

Manufacturer: Shenzhen DOOGEE Hengtong Technology CO.,LTD

Manufacturer Address: B, 2/F, Building A4, Silicon Valley Power Digital Industrial Park, No. 22, Dafu Industrial Zone, Guanlan Aobei Community, Guanlan Street, Longhua New District, Shenzhen, Guangdong China

Tested Model: DK10

Additional Model: DK10 Pro, V40, V40 Pro, V40 Plus, V40 Ultra

The above samples and information are provided by the customer

Sample Received Date: Feb 28, 2024

Test Period: Feb 28, 2024 to Mar 13, 2024

Test Requirements: Test according to customer requirement.

Test Method: Please refer to next page(s).

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

WRITTEN BY

Zoey Zhang

Zoey Zhang

REVIEWED BY

Kira Fu

Kira Fu

Soar Testing Certification
(GuangDong) Co., Ltd.



Approved signatory

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Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
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Website: http://www.soartestlab.com



Result Summary:

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

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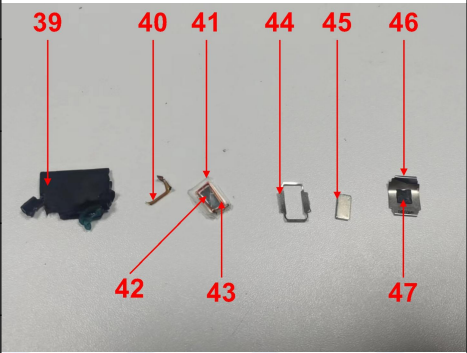
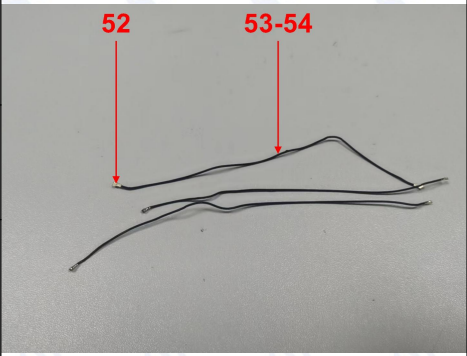
2. Test Item Description And Photo List

| Sample No. | Description | Photograph |
|------------|------------------------------------|---|
| 001 | Gray plastic |  |
| 002 | Black plated silvery metal | |
| 003 | Red plastic | |
| 004 | Black plastic | |
| 005 | Black rubber | |
| 006 | Black metal(screw) | |
| 007 | Black plated silvery metal | |
| 008 | Silvery metal(screw) |  |
| 009 | Black rubber(button) | |
| 010 | Black plated silvery metal(button) |  |
| 011 | Black/transparent glass | |
| 012 | Black plated silvery metal | |
| 013 | Black rubber | |
| 014 | Black plastic | |
| 015 | Black glue | |
| 016 | Transparent plastic | |
| 017 | White glue | |
| 018 | Black/transparent glass | |
| 019 | Gray fabric | |
| 020 | Golden metal(pin) | |
| 021 | Golden metal(spring) | |
| 022 | Golden metal(pin holder) | |

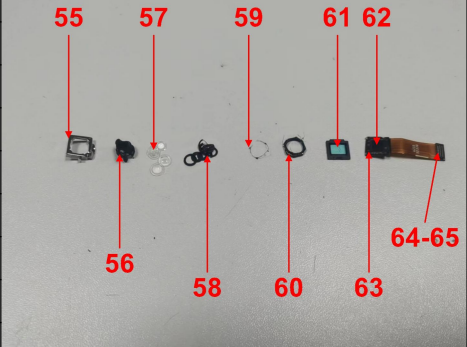
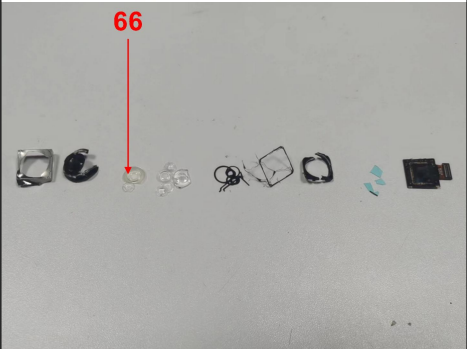
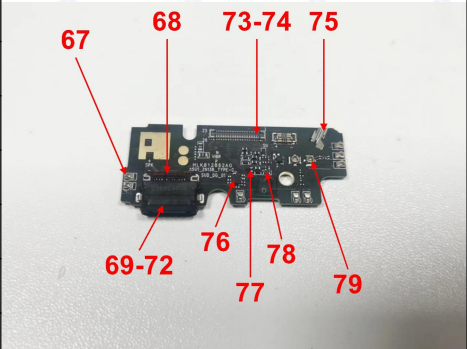
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| Sample No. | Description | Photograph |
|------------|-------------------------------------|---|
| 023 | Black/silvery plastic with adhesive |  <p>Photograph showing four samples: 23 (black/silvery plastic with adhesive), 24 (golden metal), 25 (copper/gray body), and 26 (black plastic with adhesive).</p> |
| 024 | Golden metal | |
| 025 | Copper/gray body | |
| 026 | Black plastic with adhesive | |
| 027 | Black plastic |  <p>Photograph showing three samples: 27 (black plastic), 28 (blue glue), and 29 (transparent plastic).</p> |
| 028 | Blue glue | |
| 029 | Transparent plastic | |
| 030 | Black FPC |  <p>Photograph showing four samples: 30 (black FPC), 31 (silvery metal), 32 (silvery metal), and 33 (yellow/white body).</p> |
| 031 | Silvery metal | |
| 032 | Silvery metal | |
| 033 | Yellow/white body | |
| 034 | Transparent/white body |  <p>Photograph showing four samples: 34 (transparent/white body), 35 (silvery metal case), 36 (silvery metal), 37 (silvery metal magnet), and 38 (copper metal).</p> |
| 035 | Silvery metal(case) | |
| 036 | Silvery metal | |
| 037 | Silvery metal(magnet) | |
| 038 | Copper metal | |

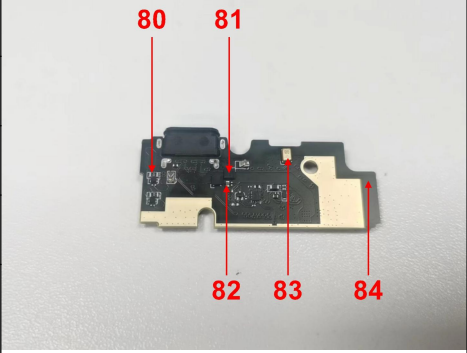
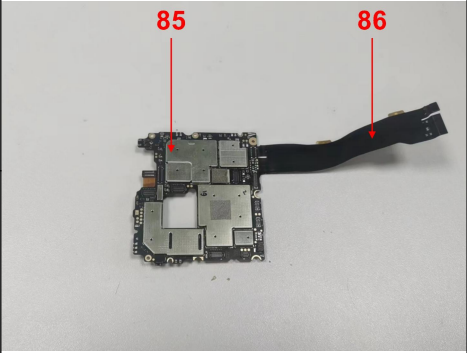
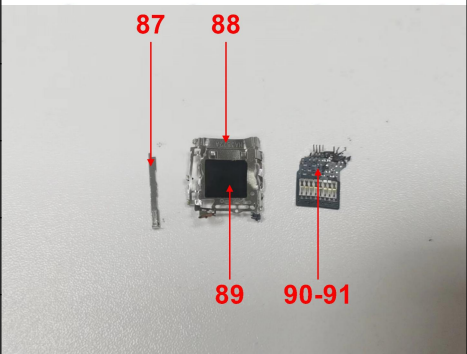
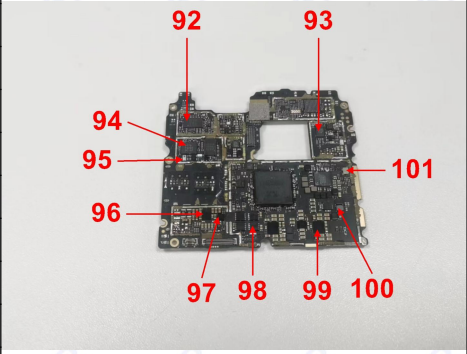
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| Sample No. | Description | Photograph |
|------------|----------------------------|---|
| 039 | Black plastic(case) |  |
| 040 | Yellow FPC | |
| 041 | Translucent plastic | |
| 042 | Silvery metal | |
| 043 | Copper metal | |
| 044 | Silvery metal | |
| 045 | Silvery metal(magnet) | |
| 046 | Silvery metal | |
| 047 | Black foam with adhesive | |
| 048 | Black plastic | |
| 049 | Silvery metal | |
| 050 | Red rubber | |
| 051 | Black plated silvery metal |  |
| 052 | Golden metal(pin) | |
| 053 | Black plastic(wire jacket) | |
| 054 | Silvery metal(wire) | |

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| Sample No. | Description | Photograph | |
|------------|---------------------------|---|--|
| 055 | Silvery metal(case) |  | |
| 056 | Black plastic | | |
| 057 | Transparent glass | | |
| 058 | Black plastic | | |
| 059 | Silvery metal | | |
| 060 | Copper metal | | |
| 061 | Transparent blue glass | | |
| 062 | Illusory colored glass | | |
| 063 | Black body | | |
| 064 | Black plastic(pin holder) | | |
| 065 | Golden metal(pin) | | |
| 066 | Transparent glass | |  |
| 067 | Silvery metal | | |
| 068 | Translucent red glue | | |
| 069 | Black rubber | | |
| 070 | Black plastic(case) |  | |
| 071 | Black plastic(pin holder) | | |
| 072 | Silvery metal(pin) | | |
| 073 | Black plastic(pin holder) | | |
| 074 | Golden metal(pin) | | |
| 075 | Silvery metal | | |
| 076 | Black body | | |
| 077 | Black body | | |
| 078 | Black body | | |
| 079 | Golden metal | | |

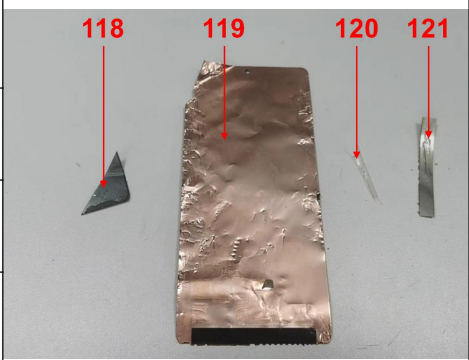
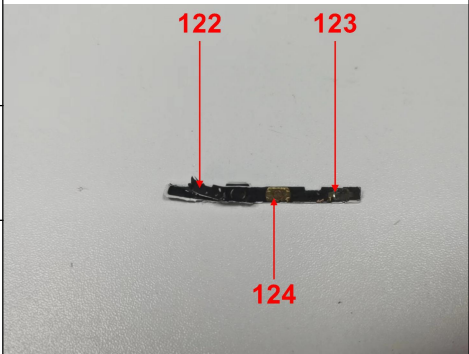
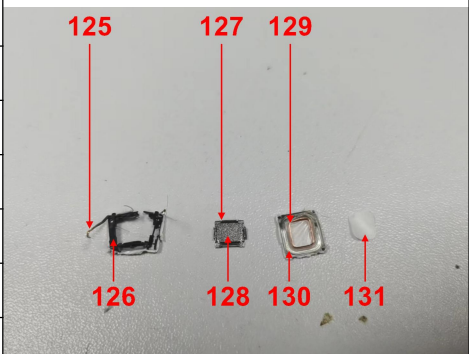
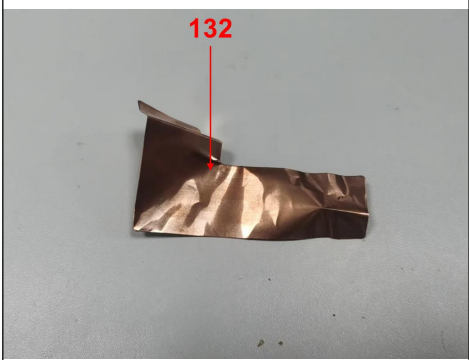
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| Sample No. | Description | Photograph |
|------------|----------------------------|---|
| 080 | Black body |  |
| 081 | Black body | |
| 082 | Gray body | |
| 083 | Golden body | |
| 084 | Black PCB |  |
| 085 | Silvery metal | |
| 086 | Black FPC |  |
| 087 | Silvery metal | |
| 088 | Silvery metal | |
| 089 | Black plastic | |
| 090 | Black plastic | |
| 091 | Silvery/golden metal (pin) |  |
| 092 | Black body | |
| 093 | Black body | |
| 094 | White body | |
| 095 | Black body | |
| 096 | Black body | |
| 097 | Black body | |
| 098 | Black body | |
| 099 | Black body | |
| 100 | Black body | |
| 101 | Silvery body | |

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| Sample No. | Description | Photograph |
|------------|----------------------------|---|
| 102 | Brown body |  |
| 103 | White body | |
| 104 | White body | |
| 105 | Black body | |
| 106 | Brown body | |
| 107 | Gray body | |
| 108 | Silvery metal | |
| 109 | Silvery metal(solder) | |
| 110 | Black PCB | |
| 111 | Golden metal(nut) |  |
| 112 | Blue body | |
| 113 | White body | |
| 114 | Silvery metal | |
| 115 | White metal | |
| 116 | Black plated silvery metal |  |
| 117 | Black/transparent glass | |

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| Sample No. | Description | Photograph | |
|------------|------------------------------|---|---|
| 118 | Translucent gray plastic |  | |
| 119 | Copper body | | |
| 120 | Transparent plastic | | |
| 121 | Silvery body | | |
| 122 | Black/white adhesive |  | |
| 123 | Silvery metal(contact plate) | | |
| 124 | Silvery PCB |  | |
| 125 | Silvery metal | | |
| 126 | Black plastic | | |
| 127 | Silvery metal | | |
| 128 | Silvery metal(magnet) | | |
| 129 | Copper metal(coil) | | |
| 130 | Translucent plastic | | |
| 131 | White plastic | | |
| 132 | Copper metal | |  |

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3. Test Results

3.1 Screening test for the specified hazardous substances of RoHS for the selected materials of the submitted sample:

- Heavy Metal (Cadmium, Chromium, Mercury, Lead) Content Test
- Bromine Content Test

According to IEC 62321-3-1:2013, and Quantification analyzed with Energy Dispersive X-ray Fluorescence Spectrometers.

| Sample No. | Total Cadmium | Total Lead | Total Mercury | Total Chromium | Total Bromine |
|------------|---------------|---------------|---------------|----------------|---------------|
| Sample 001 | BL | BL | BL | BL | BL |
| Sample 002 | BL | BL | BL | BL | N.A. |
| Sample 003 | BL | BL | BL | BL | BL |
| Sample 004 | BL | BL | BL | BL | BL |
| Sample 005 | BL | BL | BL | BL | BL |
| Sample 006 | BL | BL | BL | Inconclusive^ | N.A. |
| Sample 007 | BL | OL^ | BL | BL | N.A. |
| Sample 008 | BL | BL | BL | BL | N.A. |
| Sample 009 | BL | BL | BL | BL | BL |
| Sample 010 | BL | BL | BL | BL | N.A. |
| Sample 011 | BL | BL | BL | BL | BL |
| Sample 012 | BL | BL | BL | BL | N.A. |
| Sample 013 | BL | BL | BL | BL | BL |
| Sample 014 | BL | BL | BL | BL | BL |
| Sample 015 | BL | BL | BL | BL | BL |
| Sample 016 | BL | BL | BL | BL | BL |
| Sample 017 | BL | BL | BL | BL | BL |
| Sample 018 | BL | BL | BL | BL | BL |
| Sample 019 | BL | BL | BL | BL | BL |
| Sample 020 | BL | BL | BL | BL | N.A. |
| Sample 021 | BL | BL | BL | Inconclusive^ | N.A. |
| Sample 022 | BL | BL | BL | BL | N.A. |
| Sample 023 | BL | Inconclusive^ | BL | BL | BL |
| Sample 024 | BL | BL | BL | BL | N.A. |
| Sample 025 | BL | BL | BL | BL | BL |
| Sample 026 | BL | BL | BL | BL | BL |

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| Sample No. | Total Cadmium | Total Lead | Total Mercury | Total Chromium | Total Bromine |
|------------|---------------|------------|---------------|---------------------------|---------------|
| Sample 027 | BL | BL | BL | Inconclusive [^] | BL |
| Sample 028 | BL | BL | BL | BL | BL |
| Sample 029 | BL | BL | BL | BL | BL |
| Sample 030 | BL | BL | BL | BL | BL |
| Sample 031 | BL | BL | BL | Inconclusive [^] | N.A. |
| Sample 032 | BL | BL | BL | BL | N.A. |
| Sample 033 | BL | BL | BL | BL | BL |
| Sample 034 | BL | BL | BL | BL | BL |
| Sample 035 | BL | BL | BL | Inconclusive [^] | N.A. |
| Sample 036 | BL | BL | BL | Inconclusive [^] | N.A. |
| Sample 037 | BL | BL | BL | Inconclusive [^] | N.A. |
| Sample 038 | BL | BL | BL | BL | N.A. |
| Sample 039 | BL | BL | BL | Inconclusive [^] | BL |
| Sample 040 | BL | BL | BL | BL | BL |
| Sample 041 | BL | BL | BL | BL | BL |
| Sample 042 | BL | BL | BL | BL | N.A. |
| Sample 043 | BL | BL | BL | BL | N.A. |
| Sample 044 | BL | BL | BL | BL | N.A. |
| Sample 045 | BL | BL | BL | BL | N.A. |
| Sample 046 | BL | BL | BL | BL | N.A. |
| Sample 047 | BL | BL | BL | BL | BL |
| Sample 048 | BL | BL | BL | BL | BL |
| Sample 049 | BL | BL | BL | Inconclusive [^] | N.A. |
| Sample 050 | BL | BL | BL | BL | BL |
| Sample 051 | BL | BL | BL | BL | N.A. |
| Sample 052 | BL | BL | BL | BL | N.A. |
| Sample 053 | BL | BL | BL | BL | BL |
| Sample 054 | BL | BL | BL | BL | N.A. |
| Sample 055 | BL | BL | BL | BL | N.A. |
| Sample 056 | BL | BL | BL | BL | BL |
| Sample 057 | BL | BL | BL | BL | BL |
| Sample 058 | BL | BL | BL | BL | BL |
| Sample 059 | BL | BL | BL | BL | N.A. |
| Sample 060 | BL | BL | BL | BL | N.A. |
| Sample 061 | BL | BL | BL | BL | BL |

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| Sample No. | Total Cadmium | Total Lead | Total Mercury | Total Chromium | Total Bromine |
|------------|---------------|------------|---------------|----------------|---------------|
| Sample 062 | BL | BL | BL | BL | BL |
| Sample 063 | BL | BL | BL | BL | BL |
| Sample 064 | BL | BL | BL | BL | BL |
| Sample 065 | BL | BL | BL | BL | N.A. |
| Sample 066 | BL | BL | BL | BL | BL |
| Sample 067 | BL | BL | BL | Inconclusive^ | N.A. |
| Sample 068 | BL | BL | BL | BL | BL |
| Sample 069 | BL | BL | BL | BL | BL |
| Sample 070 | BL | BL | BL | Inconclusive^ | BL |
| Sample 071 | BL | BL | BL | BL | BL |
| Sample 072 | BL | BL | BL | BL | N.A. |
| Sample 073 | BL | BL | BL | BL | BL |
| Sample 074 | BL | BL | BL | Inconclusive^ | N.A. |
| Sample 075 | BL | BL | BL | Inconclusive^ | N.A. |
| Sample 076 | BL | BL | BL | BL | BL |
| Sample 077 | BL | BL | BL | BL | BL |
| Sample 078 | BL | BL | BL | BL | BL |
| Sample 079 | BL | BL | BL | BL | N.A. |
| Sample 080 | BL | BL | BL | BL | BL |
| Sample 081 | BL | BL | BL | BL | BL |
| Sample 082 | BL | BL | BL | BL | BL |
| Sample 083 | BL | BL | BL | BL | BL |
| Sample 084 | BL | BL | BL | BL | Inconclusive^ |
| Sample 085 | BL | BL | BL | BL | N.A. |
| Sample 086 | BL | BL | BL | BL | BL |
| Sample 087 | BL | BL | BL | Inconclusive^ | N.A. |
| Sample 088 | BL | BL | BL | Inconclusive^ | N.A. |
| Sample 089 | BL | BL | BL | BL | BL |
| Sample 090 | BL | BL | BL | BL | BL |
| Sample 091 | BL | BL | BL | BL | N.A. |
| Sample 092 | BL | BL | BL | BL | BL |
| Sample 093 | BL | BL | BL | BL | BL |
| Sample 094 | BL | BL | BL | BL | BL |
| Sample 095 | BL | BL | BL | BL | BL |
| Sample 096 | BL | BL | BL | BL | BL |

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| Sample No. | Total Cadmium | Total Lead | Total Mercury | Total Chromium | Total Bromine |
|------------|---------------|-----------------|---------------|---------------------------|---------------|
| Sample 097 | BL | BL | BL | Inconclusive [^] | BL |
| Sample 098 | BL | BL | BL | BL | BL |
| Sample 099 | BL | BL | BL | BL | BL |
| Sample 100 | BL | BL | BL | BL | BL |
| Sample 101 | BL | BL | BL | BL | BL |
| Sample 102 | BL | BL | BL | BL | BL |
| Sample 103 | BL | BL | BL | BL | BL |
| Sample 104 | BL | BL | BL | BL | BL |
| Sample 105 | BL | BL | BL | Inconclusive [^] | BL |
| Sample 106 | BL | BL | BL | BL | BL |
| Sample 107 | BL | BL | BL | BL | BL |
| Sample 108 | BL | BL | BL | BL | N.A. |
| Sample 109 | BL | BL | BL | BL | N.A. |
| Sample 110 | BL | BL | BL | BL | BL |
| Sample 111 | BL | OL [^] | BL | BL | N.A. |
| Sample 112 | BL | BL | BL | BL | BL |
| Sample 113 | BL | BL | BL | BL | BL |
| Sample 114 | BL | BL | BL | Inconclusive [^] | N.A. |
| Sample 115 | BL | BL | BL | BL | N.A. |
| Sample 116 | BL | BL | BL | Inconclusive [^] | N.A. |
| Sample 117 | BL | BL | BL | BL | BL |
| Sample 118 | BL | BL | BL | BL | BL |
| Sample 119 | BL | BL | BL | BL | BL |
| Sample 120 | BL | BL | BL | BL | BL |
| Sample 121 | BL | BL | BL | BL | BL |
| Sample 122 | BL | BL | BL | BL | BL |
| Sample 123 | BL | BL | BL | Inconclusive [^] | N.A. |
| Sample 124 | BL | BL | BL | BL | BL |
| Sample 125 | BL | BL | BL | Inconclusive [^] | N.A. |
| Sample 126 | BL | BL | BL | BL | BL |
| Sample 127 | BL | BL | BL | BL | N.A. |
| Sample 128 | BL | BL | BL | BL | N.A. |
| Sample 129 | BL | BL | BL | BL | N.A. |
| Sample 130 | BL | BL | BL | BL | BL |
| Sample 131 | BL | BL | BL | BL | BL |

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| Sample No. | Total Cadmium | Total Lead | Total Mercury | Total Chromium | Total Bromine |
|------------|---------------|------------|---------------|----------------|---------------|
| Sample 132 | BL | BL | BL | BL | N.A. |

Note:

1. All Concentrations express in "mg/kg" (milligram per kilogram), mg/kg ~ ppm
2. "OL" denotes "over limit"
3. "BL" denotes "below limit"
4. "N.A." denotes "Not Applicable"
5. "Inconclusive" denotes result is intermediate between "OL" and "BL"
6. "Λ" denotes the screening result was inconclusive(X) or over limit (OL), thus further confirmation test was conducted, results are listed in 3.2 and 3.3.

XRF screening limits for different materials:

| Materials | Concentration (mg/kg) | | | | |
|---------------------------|--|-----------------------------|--|--|-----------------------------|
| | Cd | Cr | Pb | Hg | Br |
| Metal | $BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$ | $BL \leq (700-3\sigma) < X$ | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | N.A. |
| Polymers | $BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$ | $BL \leq (700-3\sigma) < X$ | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | $BL \leq (300-3\sigma) < X$ |
| Composite material | $BL \leq (50-3\sigma) < X < (150+3\sigma) \leq OL$ | $BL \leq (500-3\sigma) < X$ | $BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$ | $BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$ | $BL \leq (250-3\sigma) < X$ |

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3.2 Test for Heavy Metals

– Lead, Cadmium, Hexavalent Chromium and Mercury Tests according to IEC 62321-4:2013+A1:2017 & IEC 62321-5:2013 & IEC 62321-7-1:2015 & IEC 62321-7-2:2017, Analysis was conducted by ICP-OES, UV-VIS.

| Element | Total Cadmium [mg/kg] | Total Lead [mg/kg] | Total Mercury [mg/kg] | Hexavalent Chromium [$\mu\text{g}/\text{cm}^2$] | Hexavalent Chromium [mg/kg] |
|------------------------|--------------------------|-----------------------|--------------------------|--|--------------------------------|
| Detection Limit | 5 | 5 | 5 | 0.10 | 5 |
| Limit | 100 | 1000 | 1000 | * | 1000 |
| Sample 006 | / | / | / | N.D. | / |
| Sample 007 | / | 63 | / | / | / |
| Sample 021 | / | / | / | N.D. | / |
| Sample 023 | / | N.D. | / | / | / |
| Sample 027 | / | / | / | / | N.D. |
| Sample 031 | / | / | / | N.D. | / |
| Sample 035 | / | / | / | N.D. | / |
| Sample 036 | / | / | / | N.D. | / |
| Sample 037 | / | / | / | N.D. | / |
| Sample 039 | / | / | / | / | N.D. |
| Sample 049 | / | / | / | N.D. | / |
| Sample 067 | / | / | / | N.D. | / |
| Sample 070 | / | / | / | / | N.D. |
| Sample 074 | / | / | / | N.D. | / |
| Sample 075 | / | / | / | N.D. | / |
| Sample 087 | / | / | / | N.D. | / |
| Sample 088 | / | / | / | N.D. | / |
| Sample 097 | / | / | / | / | N.D. |
| Sample 105 | / | / | / | / | N.D. |
| Sample 111 | / | 23082 Φ | / | / | / |
| Sample 114 | / | / | / | N.D. | / |
| Sample 116 | / | / | / | N.D. | / |
| Sample 123 | / | / | / | N.D. | / |
| Sample 125 | / | / | / | N.D. | / |

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**Note:**

1. All Concentrations express in "mg/kg"(milligram per kilogram), mg/kg ~ ppm.
2. "N.D." = "Not Detected".
3. * = a. When the concentration of hexavalent chromium in boiling-water-extraction solution with 1cm² sample surface area is higher than 0.13 µg/cm², the sample is positive, that is, contains hexavalent chromium;
b. When the concentration of hexavalent chromium in boiling-water-extraction solution with 1cm² sample surface area is N.D.(less than 0.10µg/cm²), the sample is N.D., that is, no hexavalent chromium is detected;
c. When the concentration of hexavalent chromium in boiling-water-extraction solution with 1cm² sample surface area is between 0.10µg/cm² and 0.13µg/cm², it is not possible to directly determine whether hexavalent chromium is detected.

Surface differences of samples from different individuals may affect the determination results:

Since the storage condition and production date of the sample are not known, the test result of the sample can only represent the state of the sample containing hexavalent chromium at the time of the test.

Positive = result be regarded as not comply with RoHS requirement

N.D. = result be regarded as comply with RoHS requirement

4. "Φ"=the sample 111 is copper alloy. The lead content which is under 4% is exempted from the requirement of directive 2011/65/EU(RoHS)Annex III 6(c).

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3.3 Test for Flame retardants

– Test method: According to IEC 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

| Test Item | Result [mg/kg] | RoHS Requirement [mg/kg] | |
|-----------|--------------------------|--------------------------|---------------------|
| | Sample 084 | | |
| PBBs | Monobromobiphenyl | < 5 | Sum of PBBs < 1000 |
| | Dibromobiphenyl | < 5 | |
| | Tribromobiphenyl | < 5 | |
| | Tetrabromobiphenyl | < 5 | |
| | Pentabromobiphenyl | < 5 | |
| | Hexabromobiphenyl | < 5 | |
| | Heptabromobiphenyl | < 5 | |
| | Octabromobiphenyl | < 5 | |
| | Nonabromobiphenyl | < 5 | |
| | Decabromobiphenyl | < 5 | |
| | Sum of PBBs | < 5 | |
| PBDEs | Monobromodiphenyl Ether | < 5 | Sum of PBDEs < 1000 |
| | Dibromodiphenyl Ether | < 5 | |
| | Tribromodiphenyl Ether | < 5 | |
| | Tetrabromodiphenyl Ether | < 5 | |
| | Pentabromodiphenyl Ether | < 5 | |
| | Hexabromodiphenyl Ether | < 5 | |
| | Heptabromodiphenyl Ether | < 5 | |
| | Octabromodiphenyl Ether | < 5 | |
| | Nonabromodiphenyl Ether | < 5 | |
| | Decabromodiphenyl Ether | < 5 | |
| | Sum of PBDEs | < 5 | |

Note:

1. All Concentrations express in “mg/kg” (milligram per kilogram), mg/kg ~ ppm.
2. “<” denotes less than

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3.4 Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) Content—RoHS Directive 2011/65/EU Annex II amending Directive (EU)2015/863

Test method: According to IEC 62321-8:2017; Analysis was conducted by GC-MS&LC-MS.

| Element | Di-(2-ethylhexyl) phthalate (DEHP) [mg/kg] | Benzylbutyl phthalate (BBP) [mg/kg] | Dibutyl phthalate (DBP) [mg/kg] | Diisobutyl phthalate(DIBP) [mg/kg] |
|------------------------|---|--|------------------------------------|---------------------------------------|
| Detection Limit | 50 | 50 | 50 | 50 |
| Limit | 1000 | 1000 | 1000 | 1000 |
| Sample 001 | N.D. | N.D. | N.D. | N.D. |
| Sample 003 | | | | |
| Sample 004 | | | | |
| Sample 005 | N.D. | N.D. | N.D. | N.D. |
| Sample 009 | | | | |
| Sample 011 | | | | |
| Sample 013 | N.D. | N.D. | N.D. | N.D. |
| Sample 014 | | | | |
| Sample 015 | | | | |
| Sample 016 | N.D. | N.D. | N.D. | N.D. |
| Sample 017 | | | | |
| Sample 018 | | | | |
| Sample 019 | N.D. | N.D. | N.D. | N.D. |
| Sample 023 | | | | |
| Sample 025 | | | | |
| Sample 026 | N.D. | N.D. | N.D. | N.D. |
| Sample 027 | | | | |
| Sample 028 | | | | |
| Sample 029 | N.D. | N.D. | N.D. | N.D. |
| Sample 030 | | | | |
| Sample 033 | | | | |
| Sample 034 | N.D. | N.D. | N.D. | N.D. |
| Sample 039 | | | | |
| Sample 040 | | | | |
| Sample 041 | N.D. | N.D. | N.D. | N.D. |
| Sample 047 | | | | |
| Sample 048 | | | | |
| Sample 050 | N.D. | N.D. | N.D. | N.D. |
| Sample 053 | | | | |
| Sample 056 | | | | |

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| Element | Di-(2-ethylhexyl) phthalate (DEHP) [mg/kg] | Benzylbutyl phthalate (BBP) [mg/kg] | Dibutyl phthalate (DBP) [mg/kg] | Diisobutyl phthalate(DIBP) [mg/kg] |
|------------------------|---|--|------------------------------------|---------------------------------------|
| Detection Limit | 50 | 50 | 50 | 50 |
| Limit | 1000 | 1000 | 1000 | 1000 |
| Sample 057 | N.D. | N.D. | N.D. | N.D. |
| Sample 058 | | | | |
| Sample 061 | | | | |
| Sample 062 | N.D. | N.D. | N.D. | N.D. |
| Sample 063 | | | | |
| Sample 064 | | | | |
| Sample 066 | N.D. | N.D. | N.D. | N.D. |
| Sample 068 | | | | |
| Sample 069 | | | | |
| Sample 070 | N.D. | N.D. | N.D. | N.D. |
| Sample 071 | | | | |
| Sample 073 | | | | |
| Sample 076 | N.D. | N.D. | N.D. | N.D. |
| Sample 077 | | | | |
| Sample 078 | | | | |
| Sample 080 | N.D. | N.D. | N.D. | N.D. |
| Sample 081 | | | | |
| Sample 082 | | | | |
| Sample 083 | N.D. | N.D. | N.D. | N.D. |
| Sample 084 | | | | |
| Sample 086 | | | | |
| Sample 089 | N.D. | N.D. | N.D. | N.D. |
| Sample 090 | | | | |
| Sample 092 | | | | |
| Sample 093 | N.D. | N.D. | N.D. | N.D. |
| Sample 094 | | | | |
| Sample 095 | | | | |
| Sample 096 | N.D. | N.D. | N.D. | N.D. |
| Sample 097 | | | | |
| Sample 098 | | | | |
| Sample 099 | N.D. | N.D. | N.D. | N.D. |
| Sample 100 | | | | |
| Sample 101 | | | | |

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| Element | Di-(2-ethylhexyl) phthalate (DEHP) [mg/kg] | Benzylbutyl phthalate (BBP) [mg/kg] | Dibutyl phthalate (DBP) [mg/kg] | Diisobutyl phthalate(DIBP) [mg/kg] |
|------------------------|--|---|---------------------------------------|--|
| Detection Limit | 50 | 50 | 50 | 50 |
| Limit | 1000 | 1000 | 1000 | 1000 |
| Sample 102 | N.D. | N.D. | N.D. | N.D. |
| Sample 103 | | | | |
| Sample 104 | | | | |
| Sample 105 | N.D. | N.D. | N.D. | N.D. |
| Sample 106 | | | | |
| Sample 107 | | | | |
| Sample 110 | N.D. | N.D. | N.D. | N.D. |
| Sample 112 | | | | |
| Sample 113 | | | | |
| Sample 117 | N.D. | N.D. | N.D. | N.D. |
| Sample 118 | | | | |
| Sample 119 | | | | |
| Sample 120 | N.D. | N.D. | N.D. | N.D. |
| Sample 121 | | | | |
| Sample 122 | | | | |
| Sample 124 | N.D. | N.D. | N.D. | N.D. |
| Sample 126 | | | | |
| Sample 130 | | | | |
| Sample 131 | | | | |

Note:

1. All Concentrations express in "mg/kg"(milligram per kilogram), mg/kg ~ ppm.
2. "N.D." = "Not Detected".

This test item and test method were implemented by HP-Lab.

Remark: As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

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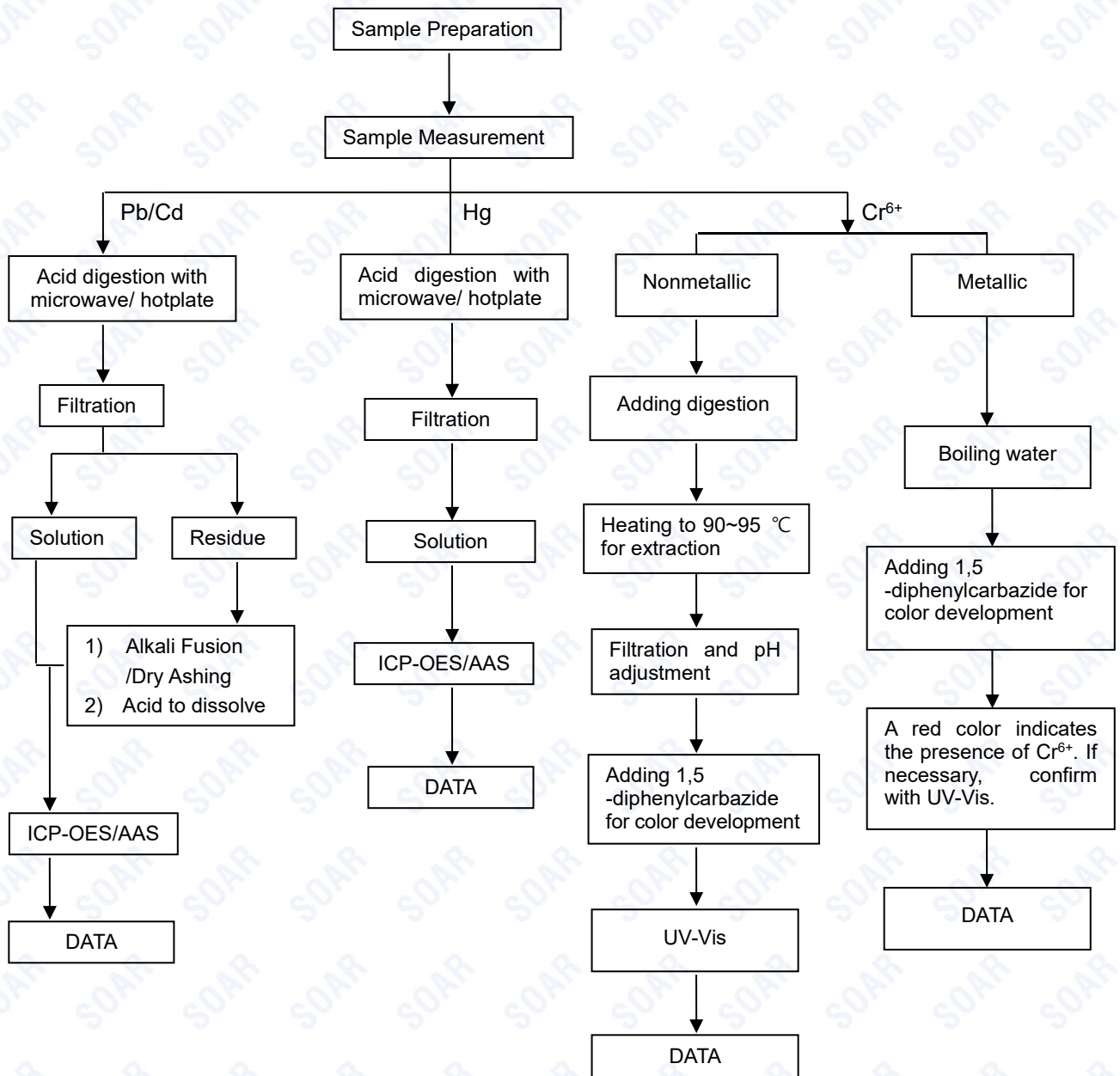
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E-mail: service@soar-cert.com

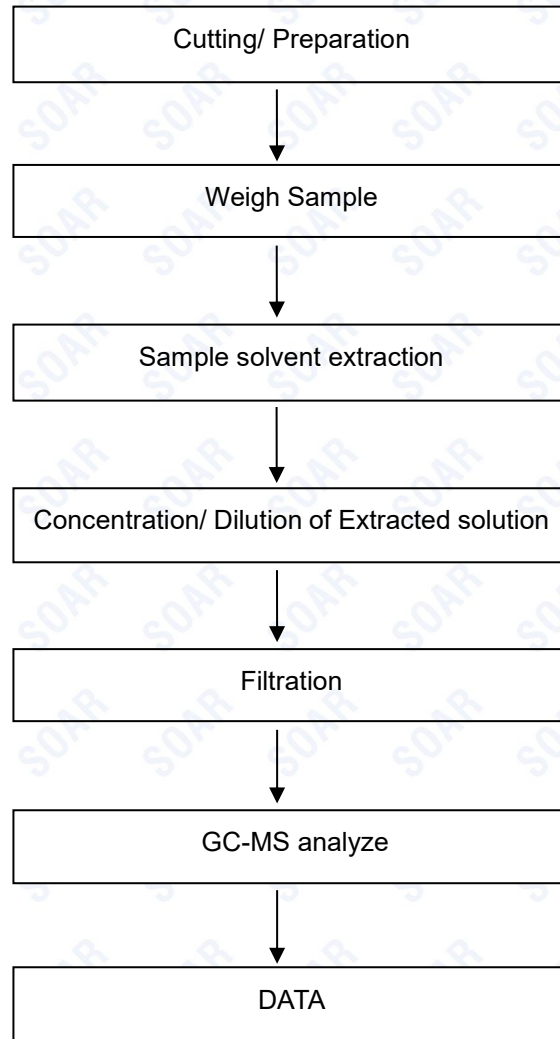
Website: <http://www.soartestlab.com>

Pb/Cd/Hg/Cr⁶⁺ Testing Flow Chart

- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
(Cr⁶⁺ test method excluded)



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PBBs/PBDEs Testing Flow Chart

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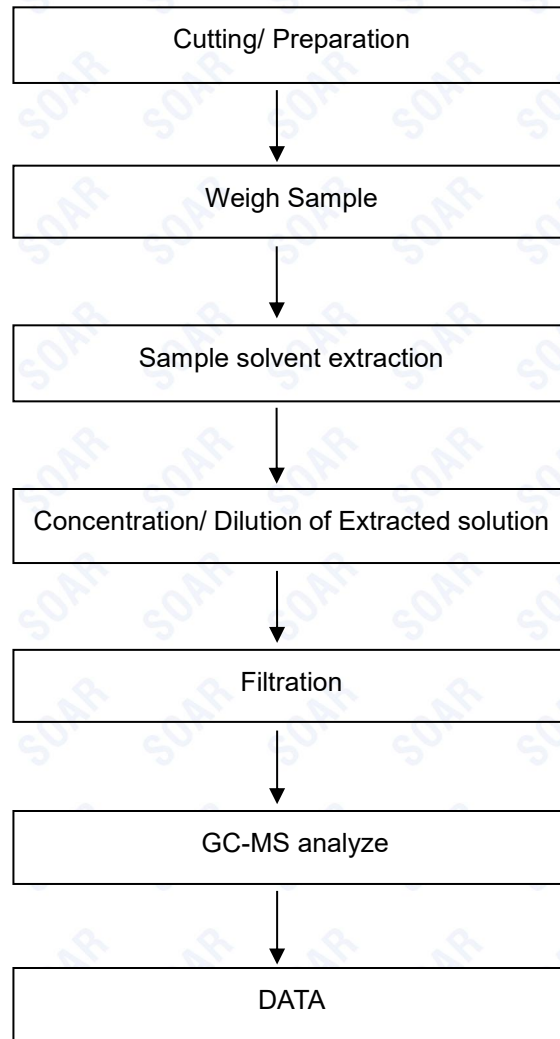
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E-mail: service@soar-cert.com

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Phthalates Testing Flow Chart



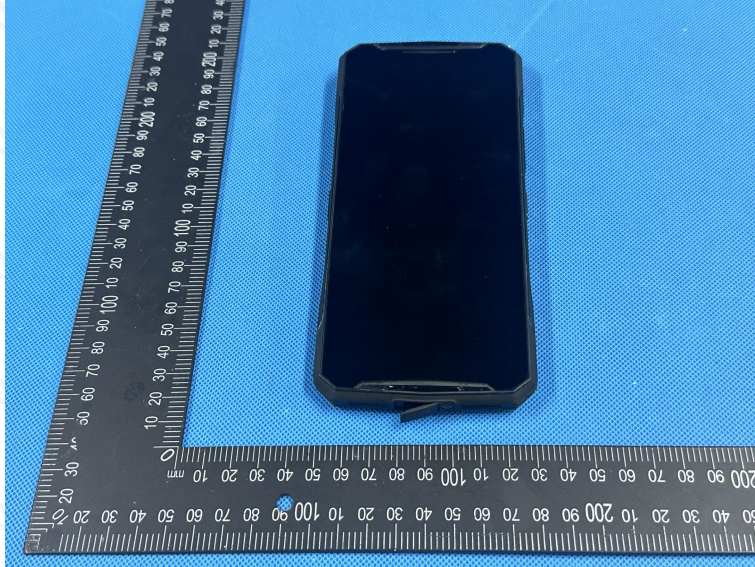
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Photo of the Sample:



The photo is for use with SOAR original report only.

*** End of Report ***

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