

# Test Report

No.: ED191212008C0003

Date: Mar. 24, 2020

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**Applicant** : LISHUI BAOKE ELECTRIC APPLIANCE CO. LTD

**Address** : 297 LONGQING ROAD, LIANDU SHUIGE INDUSTRIAL ZONE, LISHUI CITY,  
ZHEJIANG PROVINCE, CHINA

**Style Name** : callus remover

**Style/Item No.** : 503.BK-506.BK-507

**Received Date** : Dec. 12, 2019

**Test Period** : Dec. 12, 2019 ~ Mar. 24, 2020

**Test Requested** : As requested by the client, to evaluate the compliance of the submitted sample with EU RoHS Directive 2011/65/EU Annex II and its amendment (EU) 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

**Test Method** : 1. Review was performed for the sample and the related Bill of Materials submitted by the Applicant.  
2. a) Refer to the standard IEC 62321-3-1:2013: Screening by XRF Spectroscopy.  
b) Wet chemical test  
1) refer to IEC 62321-5: 2013, determine the Cadmium, Lead content by ICP-OES.  
2) refer to IEC 62321-4:2013+A1:2017, determine the Mercury content by ICP-OES.  
3) refer to IEC 62321-7-1:2015 & IEC 62321-7-2:2017, determine the Hexavalent Chromium content by UV-VIS.  
4) refer to IEC 62321-6:2015, determine the Polybrominated Biphenyls and Polybrominated Diphenyl Ethers by GC-MS.  
5) refer to IEC 62321-8:2017, determine the Dibutyl phthalate(DBP), Benzylbutyl phthalate(BBP), Di-2-ethylhexyl phthalate(DEHP) and Diisobutyl phthalate(DIBP) by GC-MS.

**Test Results** : Please refer to next page (s).

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## Conclusion:

Basing on the test results obtained from the homogenous materials, the submitted sample **COMPLIES** with the EU RoHS Directive 2011/65/EU Annex II and its amendment (EU) 2015/863.



Signed for and on behalf of  
EMTEK(Dongguan) Co., Ltd.

Prepared by:

*Kira*

Fu Kexia, Kira  
Report Engineer

Reviewed by:

*Carrie*

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Manager  
Mar. 24, 2020

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## Test Results:

### 1. Pb, Cd, Hg, Cr<sup>6+</sup>, PBBs, PBDEs Test Results:

| No. | Sample description                         | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark     |
|-----|--------------------------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|------------|
| 1   | White hard plastic with rose gold printing | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |            |
| 2   | White hard plastic                         | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |            |
| 3   | White hard plastic with rose gold coating  | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |            |
| 4   | White hard plastic with rose gold coating  | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |            |
| 5   | Transparent hard plastic                   | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |            |

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| No. | Sample description                         | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark     |
|-----|--------------------------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|------------|
| 6   | White hard plastic                         | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |            |
| 7   | Silver metal                               | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                            | PBBs                  | Br                 | NA                              |                                                    |            |            |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |            |
| 8   | Translucent soft plastic                   | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |            |
| 9   | White hard plastic with rose gold printing | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |            |
| 10  | Transparent hard plastic                   | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |            |

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| No. | Sample description | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark     |
|-----|--------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|------------|
| 11  | White hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |            |
| 12  | White hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |            |
| 13  | White hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |            |
| 14  | White hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |            |
| 15  | White hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |            |

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| No. | Sample description       | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark     |
|-----|--------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|------------|
| 16  | Light black solid        | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |            |
| 17  | White hard plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |            |
| 18  | White hard plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |            |
| 19  | White hard plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |            |
| 20  | Translucent hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |            |

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| No. | Sample description       | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark     |
|-----|--------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|------------|
| 21  | White hard plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |            |
| 22  | White translucent fabric | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |            |
| 23  | Silver metal             | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                          | PBBs                  | Br                 | NA                              |                                                    |            |            |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |            |
| 24  | White hard plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |            |
| 25  | Copper metal             | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                          | PBBs                  | Br                 | NA                              |                                                    |            |            |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |            |

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| No. | Sample description | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark     |
|-----|--------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|------------|
| 26  | White soft plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |            |
| 27  | Copper metal       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                    | PBBs                  | Br                 | NA                              |                                                    |            |            |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |            |
| 28  | White hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |            |
| 29  | Grey solid         | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |            |
| 30  | Silver metal       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                    | PBBs                  | Br                 | NA                              |                                                    |            |            |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |            |

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| No. | Sample description             | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|--------------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 31  | White translucent soft plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                                | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                                | PBDEs                 |                    |                                 |                                                    |            |                |
| 32  | White solid                    | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                                | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                                | PBDEs                 |                    |                                 |                                                    |            |                |
| 33  | Silver metal                   | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                                | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                                | PBDEs                 |                    |                                 |                                                    |            |                |
| 34  | Black solid                    | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                                | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                                | PBDEs                 |                    |                                 |                                                    |            |                |
| 35  | Silver metal                   | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                                | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                                | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description  | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|---------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 36  | Yellow solid        | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                     | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |                |
| 37  | Copper metal        | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                     | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |                |
| 38  | Red soft plastic    | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                     | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |                |
| 39  | Solder-silver metal | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                     | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |                |
| 40  | Green PCB           | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                     | PBBs                  | Br                 | X                               | ND                                                 |            |                |
|     |                     | PBDEs                 |                    |                                 | ND                                                 |            |                |

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| No. | Sample description | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|--------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 41  | Silver metal       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 42  | Silver metal       | Pb                    | Pb                 | OL                              | Pb:25991                                           | Pass       | See remark (3) |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 43  | SMD LED            | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 44  | SMD triode         | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 45  | SMD diode          | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description              | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark     |
|-----|---------------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|------------|
| 46  | SMD resister                    | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                 | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                 | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                 | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                 | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                 | PBDEs                 |                    |                                 |                                                    |            |            |
| 47  | SMD capacitor                   | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                 | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                 | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                 | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                 | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                 | PBDEs                 |                    |                                 |                                                    |            |            |
| 48  | SMD IC                          | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                 | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                 | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                 | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                 | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                 | PBDEs                 |                    |                                 |                                                    |            |            |
| 49  | Yellow translucent soft plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                 | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                 | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                 | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                 | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                                 | PBDEs                 |                    |                                 |                                                    |            |            |
| 50  | Silver metal                    | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                                 | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                                 | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                                 | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                                 | PBBs                  | Br                 | NA                              |                                                    |            |            |
|     |                                 | PBDEs                 |                    |                                 |                                                    |            |            |

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| No. | Sample description  | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark     |
|-----|---------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|------------|
| 51  | Black hard plastic  | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                     | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |            |
| 52  | Silver metal        | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                     | PBBs                  | Br                 | NA                              |                                                    |            |            |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |            |
| 53  | Yellow hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                     | PBBs                  | Br                 | BL                              |                                                    |            |            |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |            |
| 54  | Silver metal        | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                     | PBBs                  | Br                 | NA                              |                                                    |            |            |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |            |
| 55  | Silver metal        | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |            |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |            |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |            |
|     |                     | PBBs                  | Br                 | NA                              |                                                    |            |            |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |            |

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| No. | Sample description | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|--------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 56  | Silver metal       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 57  | Silver metal       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 58  | White soft plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 59  | White hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 60  | White soft plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|--------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 61  | White soft plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 62  | White soft plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 63  | Copper metal       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 64  | Copper metal       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 65  | Silver metal       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description                         | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|--------------------------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 66  | White solid                                | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |                |
| 67  | Silver metal                               | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | No comment     |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                            | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |                |
| 68  | Solder-silver metal                        | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                            | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |                |
| 69  | White hard plastic with rose gold printing | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |                |
| 70  | White hard plastic with rose gold coating  | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                                            | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                            | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                            | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                            | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                                            | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description       | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|--------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 71  | Silver metal             | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 72  | Black foam               | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 73  | White hard plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 74  | White foam               | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 75  | Transparent hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description                    | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|---------------------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 76  | Black soft plastic                    | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                                       | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                       | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                       | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                       | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                                       | PBDEs                 |                    |                                 |                                                    |            |                |
| 77  | SMD LED                               | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                                       | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                       | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                       | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                       | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                                       | PBDEs                 |                    |                                 |                                                    |            |                |
| 78  | White soft plastic with black coating | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                                       | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                       | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                       | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                       | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                                       | PBDEs                 |                    |                                 |                                                    |            |                |
| 79  | Black hard plastic                    | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                                       | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                       | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                       | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                       | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                                       | PBDEs                 |                    |                                 |                                                    |            |                |
| 80  | Copper metal                          | Pb                    | Pb                 | OL                              | Pb:22580                                           | Pass       | See remark (3) |
|     |                                       | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                                       | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                                       | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                                       | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                                       | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|--------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 81  | White hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 82  | Brown solid        | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 83  | Silver metal       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 84  | White hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |
| 85  | White hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                    | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                    | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                    | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                    | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                    | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description       | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|--------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 86  | White hard plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 87  | Translucent hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 88  | Translucent hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 89  | White solid              | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 90  | Green paper              | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description       | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|--------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 91  | White foam               | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 92  | Copper metal             | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 93  | Black hard plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 94  | Black soft plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 95  | Translucent hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description       | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|--------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 96  | Copper metal             | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 97  | Black soft plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 98  | White hard plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 99  | Transparent hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 100 | Silver metal             | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description  | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|---------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 101 | Solder-silver metal | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                     | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |                |
| 102 | Red soft plastic    | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                     | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |                |
| 103 | White hard plastic  | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                     | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |                |
| 104 | Copper metal        | Pb                    | Pb                 | OL                              | Pb:29211                                           | Pass       | See remark (3) |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                     | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |                |
| 105 | Copper metal        | Pb                    | Pb                 | OL                              | Pb:29654                                           | Pass       | See remark (3) |
|     |                     | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                     | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                     | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                     | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                     | PBDEs                 |                    |                                 |                                                    |            |                |

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| No. | Sample description       | Restricted substances | Analytical element | Results of EDXRF <sup>(1)</sup> | Results of Chemical Testing <sup>(2)</sup> (mg/kg) | Conclusion | Remark         |
|-----|--------------------------|-----------------------|--------------------|---------------------------------|----------------------------------------------------|------------|----------------|
| 106 | White hard plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 107 | White hard plastic       | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 108 | Silver metal             | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 109 | Translucent hard plastic | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | BL                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |
| 110 | Copper metal             | Pb                    | Pb                 | BL                              | NA                                                 | Pass       | See remark (3) |
|     |                          | Cd                    | Cd                 | BL                              |                                                    |            |                |
|     |                          | Hg                    | Hg                 | BL                              |                                                    |            |                |
|     |                          | Cr <sup>6+</sup>      | Cr                 | BL                              |                                                    |            |                |
|     |                          | PBBs                  | Br                 | NA                              |                                                    |            |                |
|     |                          | PBDEs                 |                    |                                 |                                                    |            |                |

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## Test Results:

### 2. Phthalates (DBP, BBP, DEHP, DIBP) Test Results:

| Test Item                       | Test Result (mg/kg) |       |        |          | Reporting Limit (mg/kg) | Requirement Limit (mg/kg) |
|---------------------------------|---------------------|-------|--------|----------|-------------------------|---------------------------|
|                                 | 1/2/3               | 4/5/6 | 8/9/10 | 11/12/13 |                         |                           |
| Dibutyl phthalate(DBP)          | ND                  | ND    | ND     | ND       | 30                      | 1000                      |
| Benzylbutyl phthalate(BBP)      | ND                  | ND    | ND     | ND       | 30                      | 1000                      |
| Di-2-ethylhexyl phthalate(DEHP) | ND                  | ND    | ND     | ND       | 30                      | 1000                      |
| Diisobutyl phthalate(DIBP)      | ND                  | ND    | ND     | ND       | 30                      | 1000                      |
| <b>Conclusion</b>               | Pass                | Pass  | Pass   | Pass     | ---                     | ---                       |

| Test Item                       | Test Result (mg/kg) |          |          |       | Reporting Limit (mg/kg) | Requirement Limit (mg/kg) |
|---------------------------------|---------------------|----------|----------|-------|-------------------------|---------------------------|
|                                 | 14/15/16            | 17/18/19 | 20/21/22 | 24/26 |                         |                           |
| Dibutyl phthalate(DBP)          | ND                  | ND       | ND       | ND    | 30                      | 1000                      |
| Benzylbutyl phthalate(BBP)      | ND                  | ND       | ND       | ND    | 30                      | 1000                      |
| Di-2-ethylhexyl phthalate(DEHP) | ND                  | ND       | ND       | ND    | 30                      | 1000                      |
| Diisobutyl phthalate(DIBP)      | ND                  | ND       | ND       | ND    | 30                      | 1000                      |
| <b>Conclusion</b>               | Pass                | Pass     | Pass     | Pass  | ---                     | ---                       |

| Test Item                       | Test Result (mg/kg) |      |          |          | Reporting Limit (mg/kg) | Requirement Limit (mg/kg) |
|---------------------------------|---------------------|------|----------|----------|-------------------------|---------------------------|
|                                 | 28/29               | 31   | 32/34/36 | 38/40/43 |                         |                           |
| Dibutyl phthalate(DBP)          | ND                  | ND   | ND       | ND       | 30                      | 1000                      |
| Benzylbutyl phthalate(BBP)      | ND                  | ND   | ND       | ND       | 30                      | 1000                      |
| Di-2-ethylhexyl phthalate(DEHP) | ND                  | ND   | ND       | ND       | 30                      | 1000                      |
| Diisobutyl phthalate(DIBP)      | ND                  | ND   | ND       | ND       | 30                      | 1000                      |
| <b>Conclusion</b>               | Pass                | Pass | Pass     | Pass     | ---                     | ---                       |

| Test Item                       | Test Result (mg/kg) |          |       |       | Reporting Limit (mg/kg) | Requirement Limit (mg/kg) |
|---------------------------------|---------------------|----------|-------|-------|-------------------------|---------------------------|
|                                 | 44/45/46            | 47/48/49 | 51/53 | 58/59 |                         |                           |
| Dibutyl phthalate(DBP)          | ND                  | ND       | ND    | ND    | 30                      | 1000                      |
| Benzylbutyl phthalate(BBP)      | ND                  | ND       | ND    | ND    | 30                      | 1000                      |
| Di-2-ethylhexyl phthalate(DEHP) | ND                  | ND       | ND    | ND    | 30                      | 1000                      |
| Diisobutyl phthalate(DIBP)      | ND                  | ND       | ND    | ND    | 30                      | 1000                      |
| <b>Conclusion</b>               | Pass                | Pass     | Pass  | Pass  | ---                     | ---                       |

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## Test Results:

| Test Item                       | Test Result (mg/kg) |          |          |          | Reporting Limit (mg/kg) | Requirement Limit (mg/kg) |
|---------------------------------|---------------------|----------|----------|----------|-------------------------|---------------------------|
|                                 | 60/61/62            | 66/69/70 | 72/73/74 | 75/76/77 |                         |                           |
| Dibutyl phthalate(DBP)          | ND                  | ND       | ND       | ND       | 30                      | 1000                      |
| Benzylbutyl phthalate(BBP)      | ND                  | ND       | ND       | ND       | 30                      | 1000                      |
| Di-2-ethylhexyl phthalate(DEHP) | ND                  | ND       | ND       | ND       | 30                      | 1000                      |
| Diisobutyl phthalate(DIBP)      | ND                  | ND       | ND       | ND       | 30                      | 1000                      |
| <b>Conclusion</b>               | Pass                | Pass     | Pass     | Pass     | ---                     | ---                       |

| Test Item                       | Test Result (mg/kg) |       |          |          | Reporting Limit (mg/kg) | Requirement Limit (mg/kg) |
|---------------------------------|---------------------|-------|----------|----------|-------------------------|---------------------------|
|                                 | 78/79/81            | 82/84 | 85/86/87 | 88/89/90 |                         |                           |
| Dibutyl phthalate(DBP)          | ND                  | ND    | ND       | ND       | 30                      | 1000                      |
| Benzylbutyl phthalate(BBP)      | ND                  | ND    | ND       | ND       | 30                      | 1000                      |
| Di-2-ethylhexyl phthalate(DEHP) | ND                  | ND    | ND       | ND       | 30                      | 1000                      |
| Diisobutyl phthalate(DIBP)      | ND                  | ND    | ND       | ND       | 30                      | 1000                      |
| <b>Conclusion</b>               | Pass                | Pass  | Pass     | Pass     | ---                     | ---                       |

| Test Item                       | Test Result (mg/kg) |       |       |      | Reporting Limit (mg/kg) | Requirement Limit (mg/kg) |
|---------------------------------|---------------------|-------|-------|------|-------------------------|---------------------------|
|                                 | 91/93/94            | 95/97 | 98/99 | 102  |                         |                           |
| Dibutyl phthalate(DBP)          | ND                  | ND    | ND    | ND   | 30                      | 1000                      |
| Benzylbutyl phthalate(BBP)      | ND                  | ND    | ND    | ND   | 30                      | 1000                      |
| Di-2-ethylhexyl phthalate(DEHP) | ND                  | ND    | ND    | ND   | 30                      | 1000                      |
| Diisobutyl phthalate(DIBP)      | ND                  | ND    | ND    | ND   | 30                      | 1000                      |
| <b>Conclusion</b>               | Pass                | Pass  | Pass  | Pass | ---                     | ---                       |

| Test Item                       | Test Result (mg/kg) |         | Reporting Limit (mg/kg) | Requirement Limit (mg/kg) |
|---------------------------------|---------------------|---------|-------------------------|---------------------------|
|                                 | 103/106             | 107/109 |                         |                           |
| Dibutyl phthalate(DBP)          | ND                  | ND      | 30                      | 1000                      |
| Benzylbutyl phthalate(BBP)      | ND                  | ND      | 30                      | 1000                      |
| Di-2-ethylhexyl phthalate(DEHP) | ND                  | ND      | 30                      | 1000                      |
| Diisobutyl phthalate(DIBP)      | ND                  | ND      | 30                      | 1000                      |
| <b>Conclusion</b>               | Pass                | Pass    | ---                     | ---                       |

Note: mg/kg = parts per million = ppm

ND = Not Detected (less than reporting limit)

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## Test Materials List:

| Item No. | Description                                |
|----------|--------------------------------------------|
| 1        | White hard plastic with rose gold printing |
| 2        | White hard plastic                         |
| 3        | White hard plastic with rose gold coating  |
| 4        | White hard plastic with rose gold coating  |
| 5        | Transparent hard plastic                   |
| 6        | White hard plastic                         |
| 8        | Translucent soft plastic                   |
| 9        | White hard plastic with rose gold printing |
| 10       | Transparent hard plastic                   |
| 11       | White hard plastic                         |
| 12       | White hard plastic                         |
| 13       | White hard plastic                         |
| 14       | White hard plastic                         |
| 15       | White hard plastic                         |
| 16       | Light black solid                          |
| 17       | White hard plastic                         |
| 18       | White hard plastic                         |
| 19       | White hard plastic                         |
| 20       | Translucent hard plastic                   |
| 21       | White hard plastic                         |
| 22       | White translucent fabric                   |
| 24       | White hard plastic                         |
| 26       | White soft plastic                         |
| 28       | White hard plastic                         |
| 29       | Grey solid                                 |
| 31       | White translucent soft plastic             |
| 32       | White solid                                |

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## Test Materials List:

| Item No. | Description                                |
|----------|--------------------------------------------|
| 34       | Black solid                                |
| 36       | Yellow solid                               |
| 38       | Red soft plastic                           |
| 40       | Green PCB                                  |
| 43       | SMD LED                                    |
| 44       | SMD triode                                 |
| 45       | SMD diode                                  |
| 46       | SMD resistor                               |
| 47       | SMD capacitor                              |
| 48       | SMD IC                                     |
| 49       | Yellow translucent soft plastic            |
| 51       | Black hard plastic                         |
| 53       | Yellow hard plastic                        |
| 58       | White soft plastic                         |
| 59       | White hard plastic                         |
| 60       | White soft plastic                         |
| 61       | White soft plastic                         |
| 62       | White soft plastic                         |
| 66       | White solid                                |
| 69       | White hard plastic with rose gold printing |
| 70       | White hard plastic with rose gold coating  |
| 72       | Black foam                                 |
| 73       | White hard plastic                         |
| 74       | White foam                                 |
| 75       | Transparent hard plastic                   |
| 76       | Black soft plastic                         |
| 77       | SMD LED                                    |

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## Test Materials List:

| Item No. | Description                           |
|----------|---------------------------------------|
| 78       | White soft plastic with black coating |
| 79       | Black hard plastic                    |
| 81       | White hard plastic                    |
| 82       | Brown solid                           |
| 84       | White hard plastic                    |
| 85       | White hard plastic                    |
| 86       | White hard plastic                    |
| 87       | Translucent hard plastic              |
| 88       | Translucent hard plastic              |
| 89       | White solid                           |
| 90       | Green paper                           |
| 91       | White foam                            |
| 93       | Black hard plastic                    |
| 94       | Black soft plastic                    |
| 95       | Translucent hard plastic              |
| 97       | Black soft plastic                    |
| 98       | White hard plastic                    |
| 99       | Transparent hard plastic              |
| 102      | Red soft plastic                      |
| 103      | White hard plastic                    |
| 106      | White hard plastic                    |
| 107      | White hard plastic                    |
| 109      | Translucent hard plastic              |

Note: As specified by the client, the samples were subjected to mixed testing.

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- Remark: (1) ① Results are obtained by XRF for primary screening, and further wet chemical testing by ICP-OES / AAS (for Cd, Pb, Hg), UV-VIS (for Cr(VI)) and GC/MS (for PBBs, PBDEs) is recommended to be performed, if an inconclusive result was found (as "X" in below table) (unit: mg/kg).
- ② OL = Over Limit, BL = Below Limit, X = Inconclusive, NA= Not Applicable.
- ③ XRF screening test for RoHS elements – The test result may be different from the actual content in the non-uniformity composition sample.

| Element | Polymer                                              | Metal                                                | Composite Materials                                  |
|---------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Cd      | $BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$   | $BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$   | $LOD < X < (150+3\sigma) \leq OL$                    |
| Pb      | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | $BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$ |
| Hg      | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | $BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$ | $BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$ |
| Br      | $BL \leq (300-3\sigma) < X$                          | NA                                                   | $BL \leq (250-3\sigma) < X$                          |
| Cr      | $BL \leq (700-3\sigma) < X$                          | $BL \leq (700-3\sigma) < X$                          | $BL \leq (500-3\sigma) < X$                          |

(2) ① mg/kg = ppm = 0.0001%, ND = Not Detected (Less than reporting limit value.).

② Unit, Reporting Limit (RL) and Requirement limit in wet chemical test.

| Test items        | Pb    | Cd    | Hg    | Cr <sup>6+</sup> (Non-metal) | Cr <sup>6+</sup> (metal) | PBBs(single) | PBDEs(single) |
|-------------------|-------|-------|-------|------------------------------|--------------------------|--------------|---------------|
| Unit              | mg/kg | mg/kg | mg/kg | mg/kg                        | mg/kg                    | mg/kg        | mg/kg         |
| RL                | 2     | 2     | 2     | 2                            | 2                        | 5            | 5             |
| Requirement Limit | 1000  | 100   | 1000  | 1000                         | Negative                 | 1000         | 1000          |

③ According to IEC 62321-7-1:2015 & IEC 62321-7-2:2017, result on Cr<sup>6+</sup> for metal sample shall be shown as Positive/Negative.

Negative = Absence of Cr<sup>6+</sup> coating, Positive = Presence of Cr<sup>6+</sup> coating.

Storage condition and production date of the tested sample are unavailable and thus results of Cr<sup>6+</sup> represent status of the sample at the time of testing.

④ According to IEC 62321-3-1:2013, this column represents the results of wet chem test. And "NA" means no need to perform wet chem test, when the XRF screening results are acceptable.

- (3) ① As declared by the client, No. 69~84 the tested materials are only contained in the sample item BK-506, No. 85~110 the tested materials are only contained in the sample item BK-507.
- ② As declared by the client, No. 42, 80, 104, 105 the materials should be exempted for lead content requirement according to Annex clause 6(c).
- ③ No. 39, 60, 61, 62, 68 the XRF screening results for Pb, Cd, Hg, Cr and Br were obtained for the resubmitted sample on Jan. 02, 2020, No. 31 the XRF screening results for Pb, Cd, Hg, Cr and Br were obtained for the resubmitted sample on Mar. 11, 2020.

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## Sample Photo



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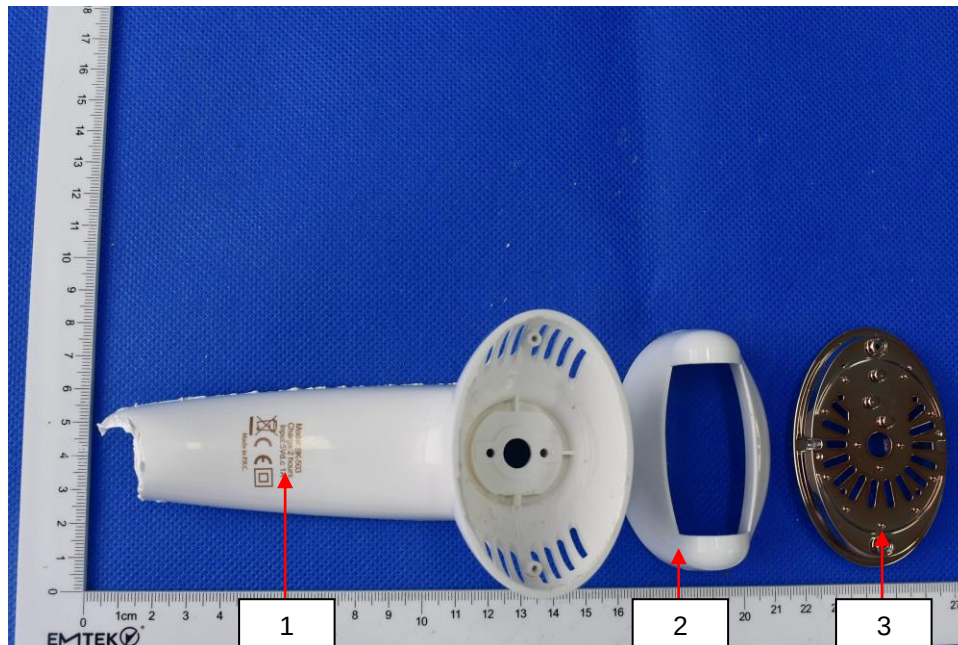
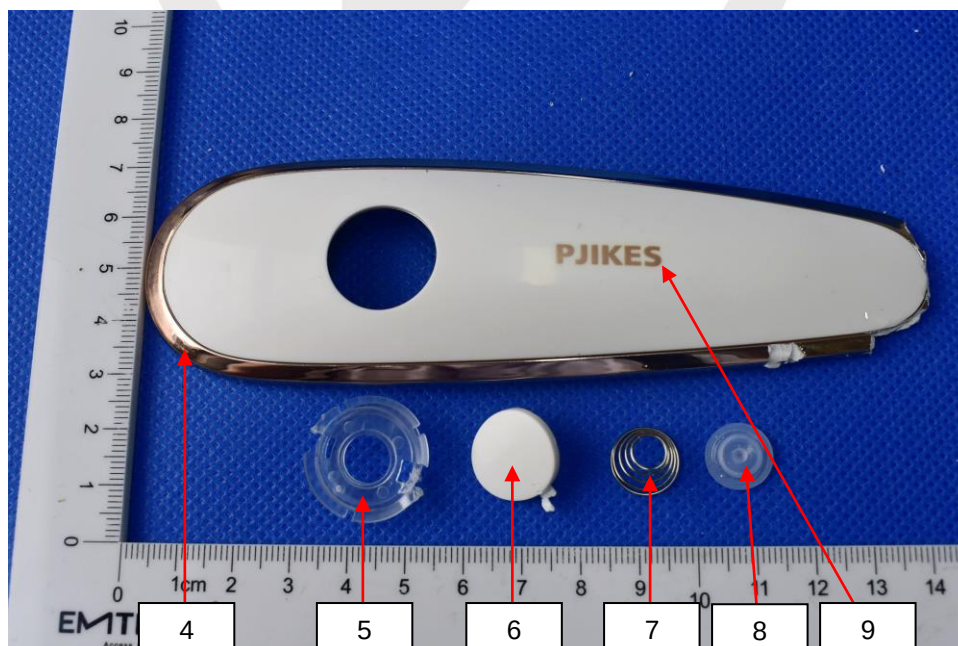
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## Sample Photo



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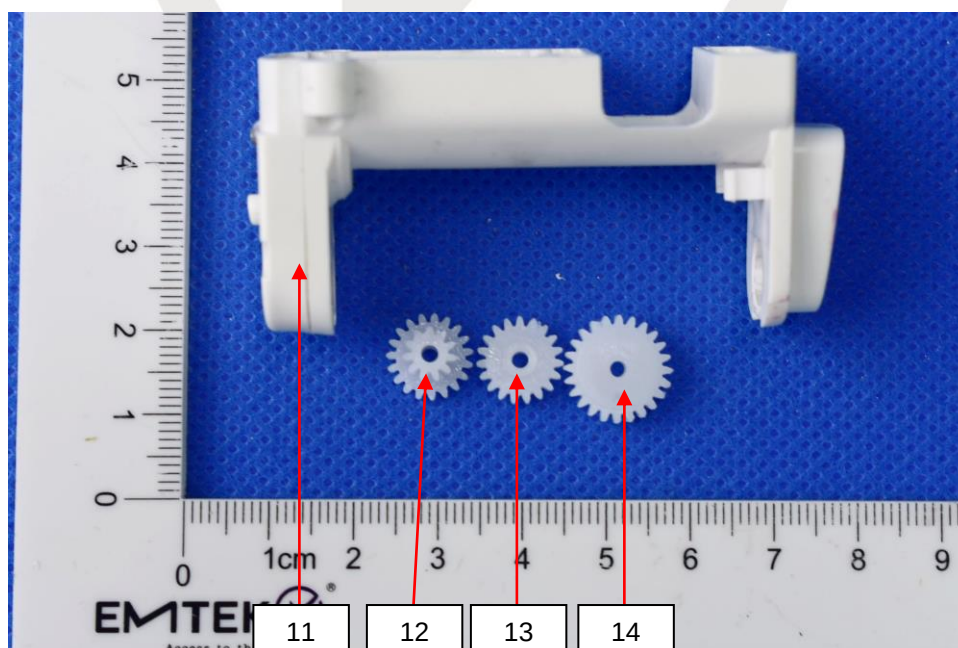
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## Sample Photo



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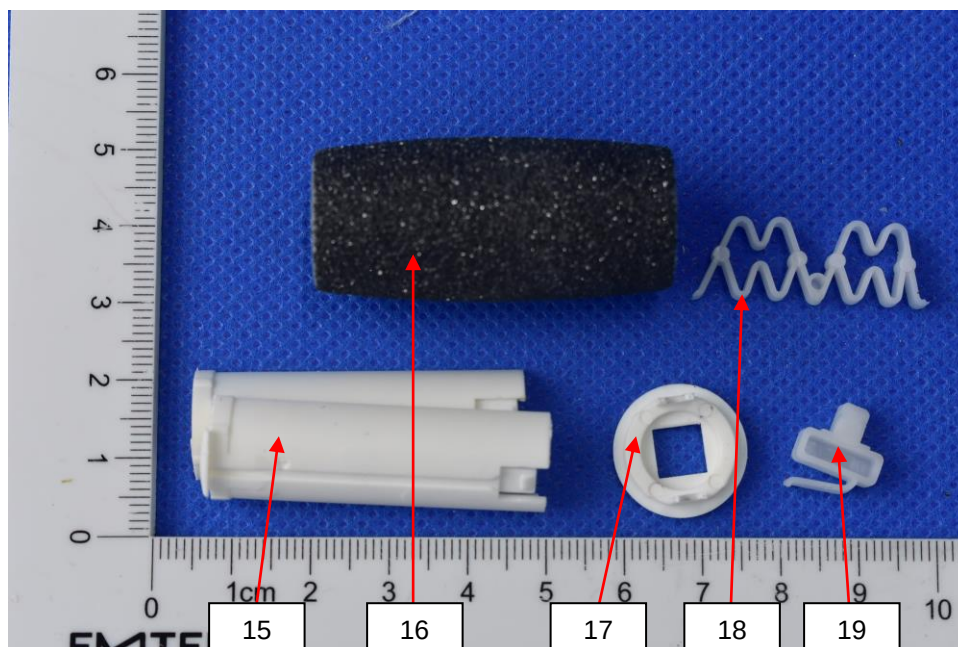
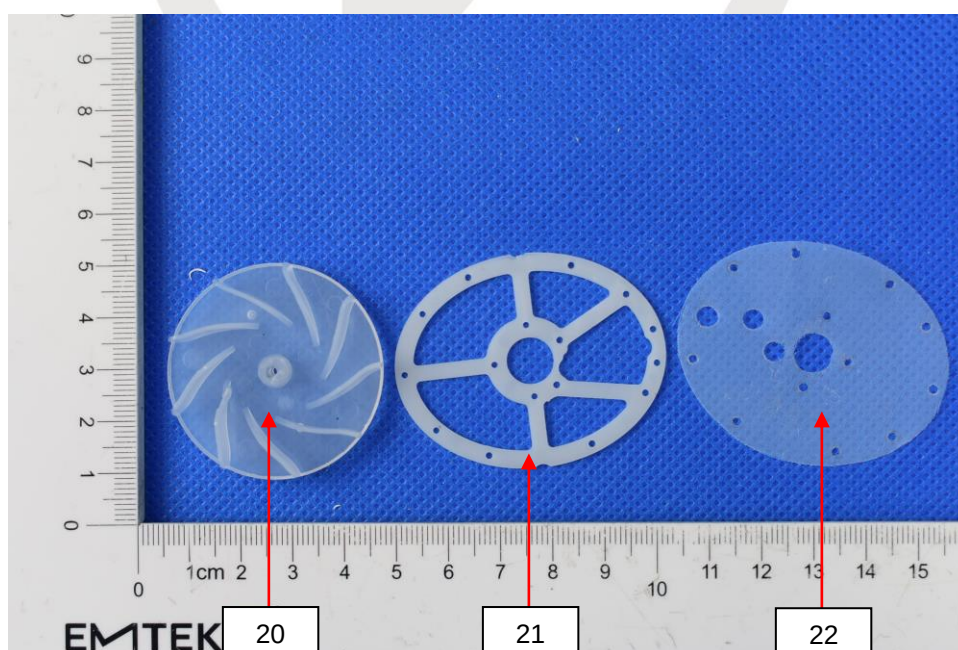
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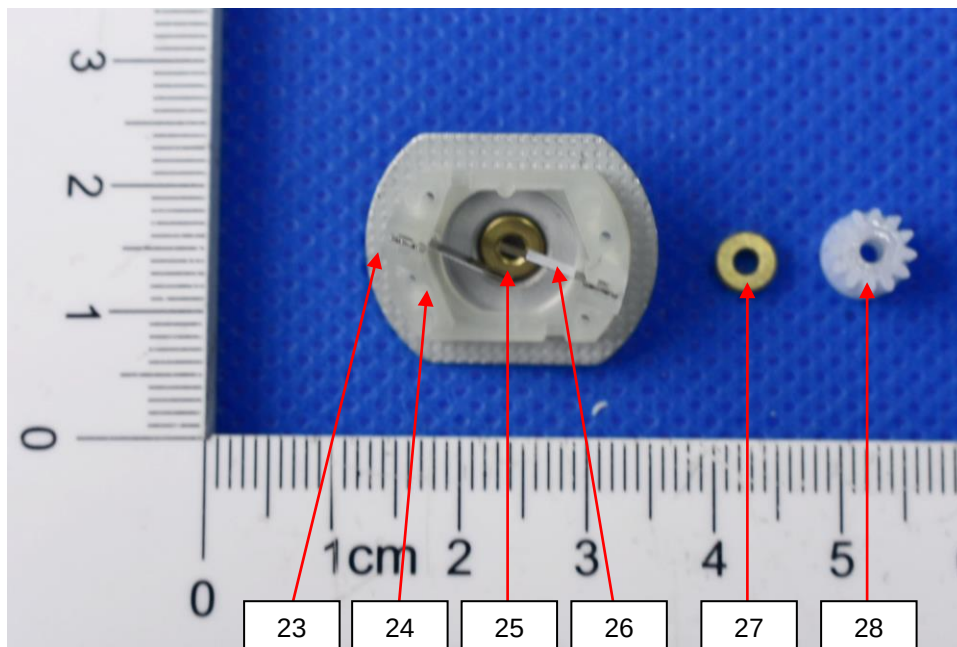
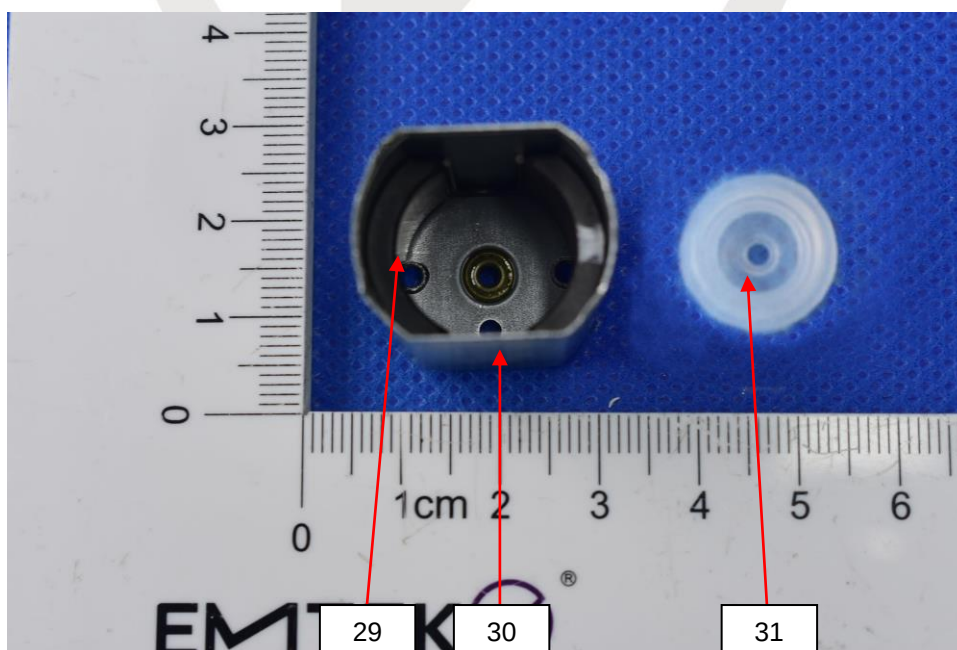
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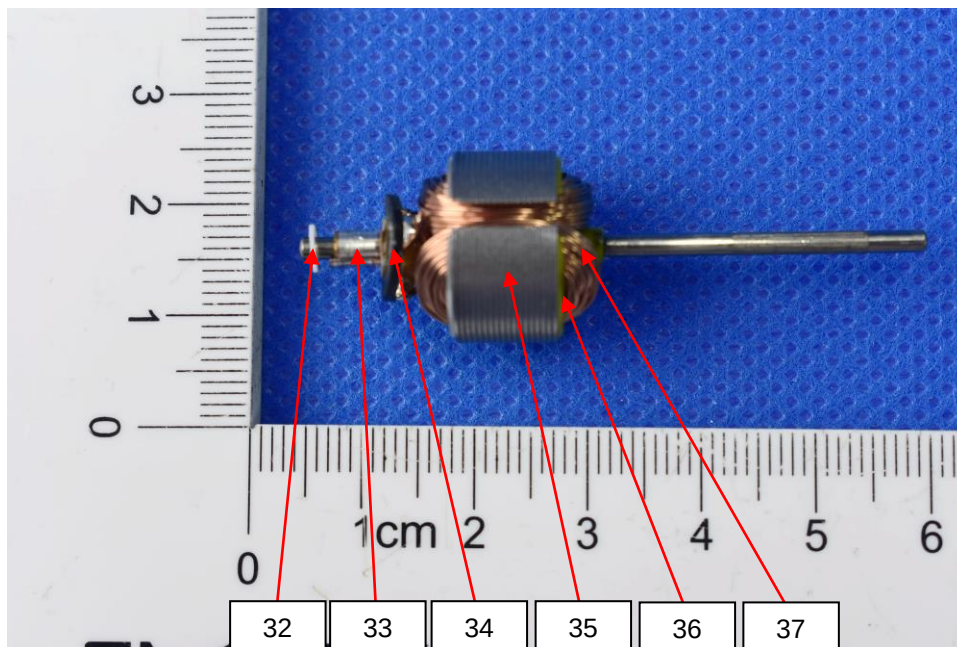
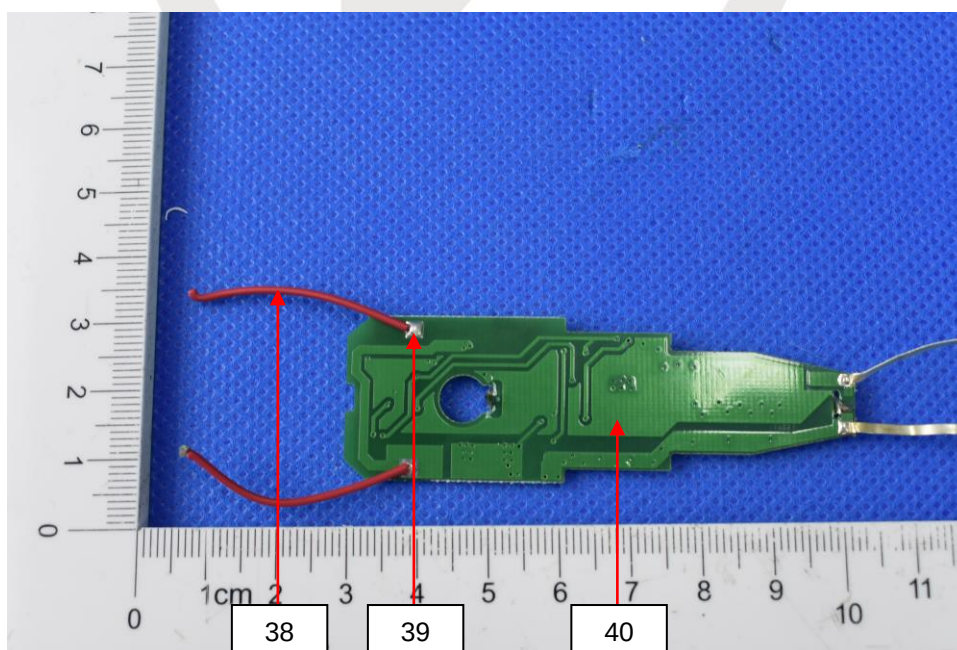
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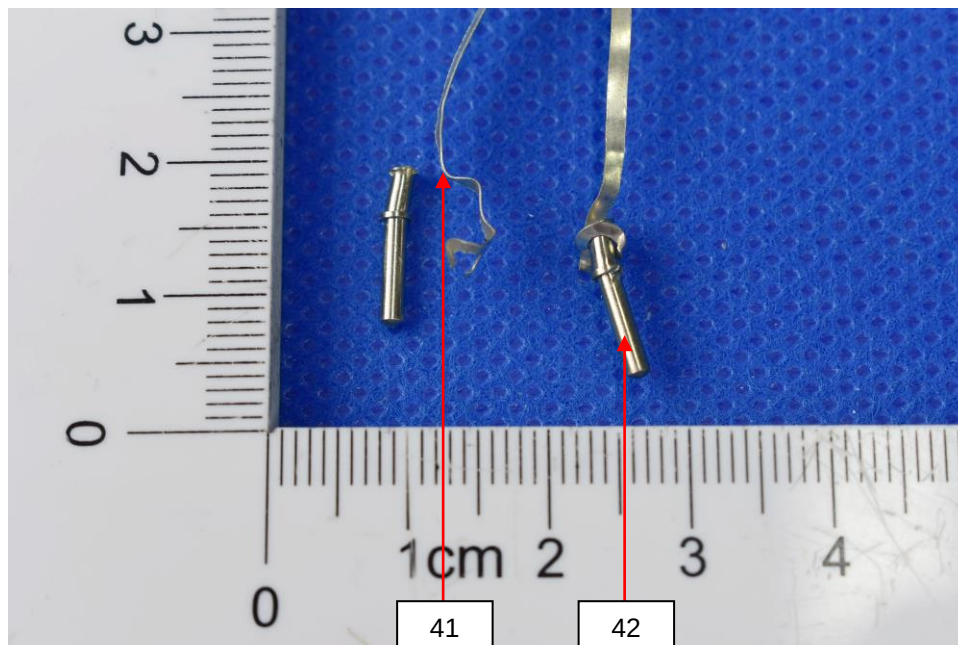
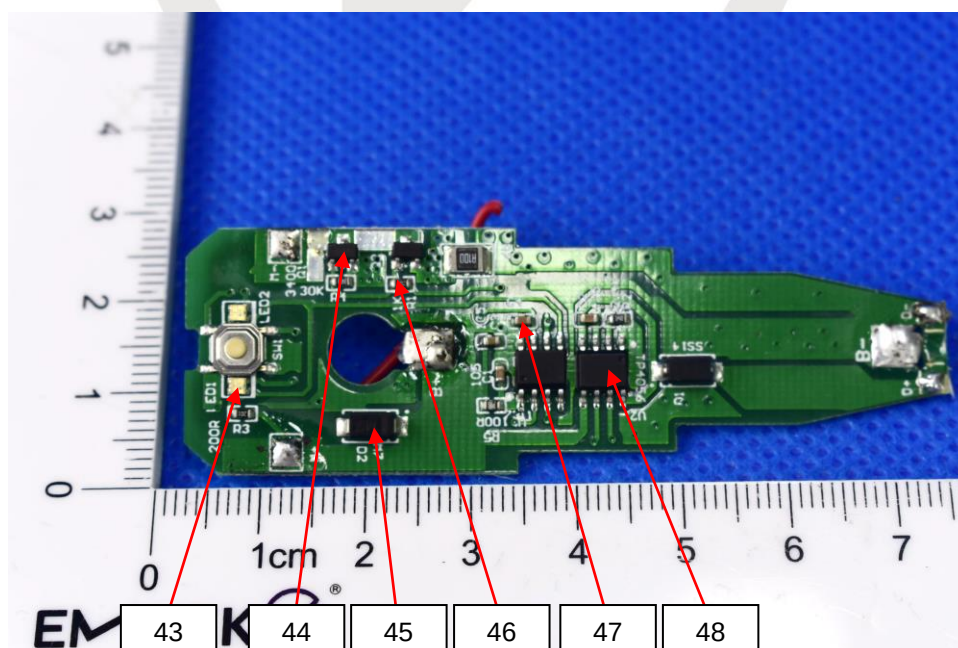
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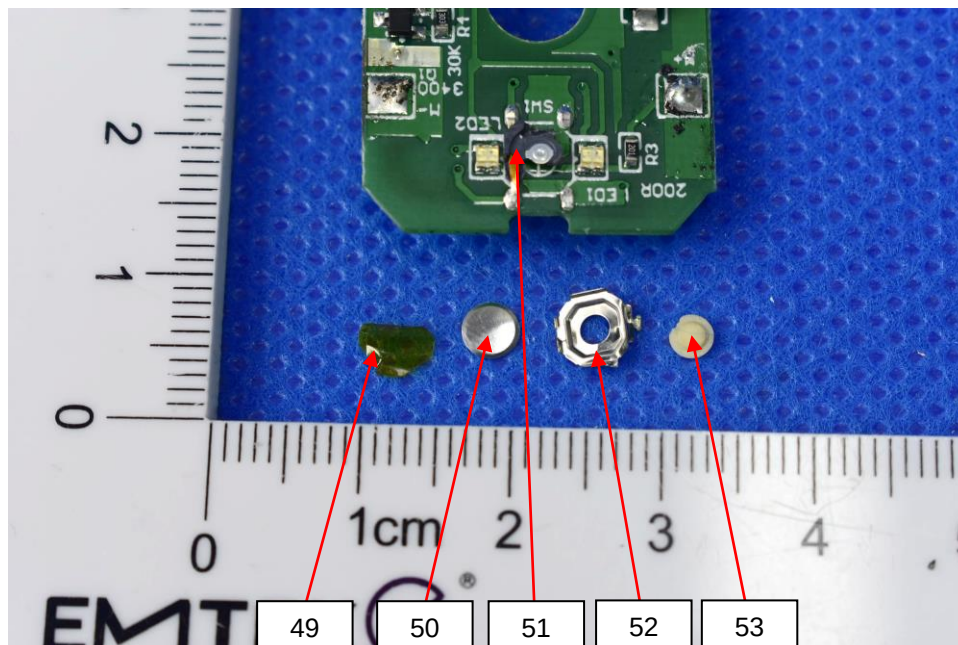
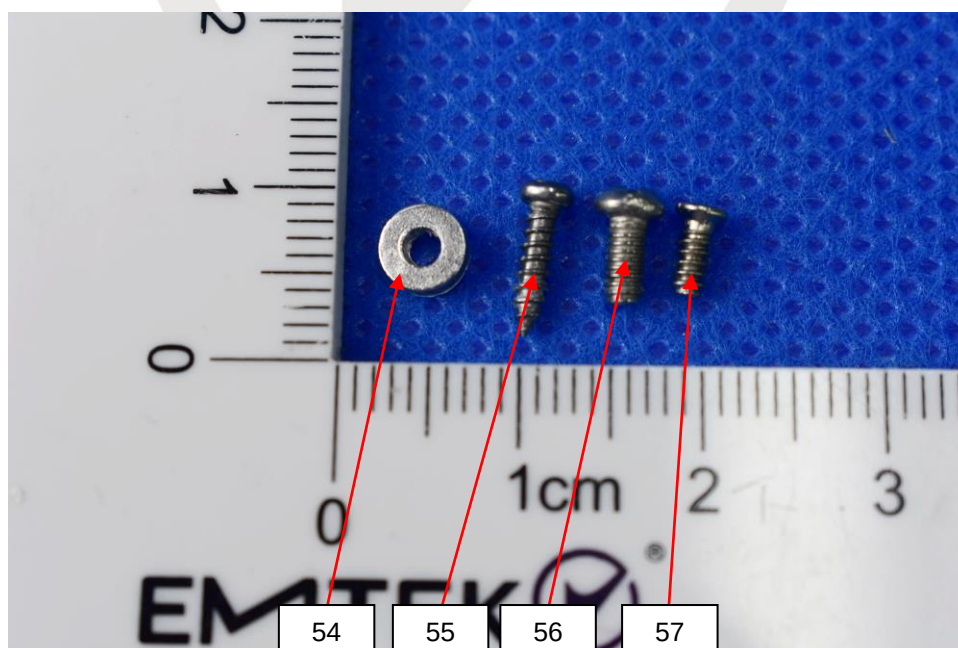
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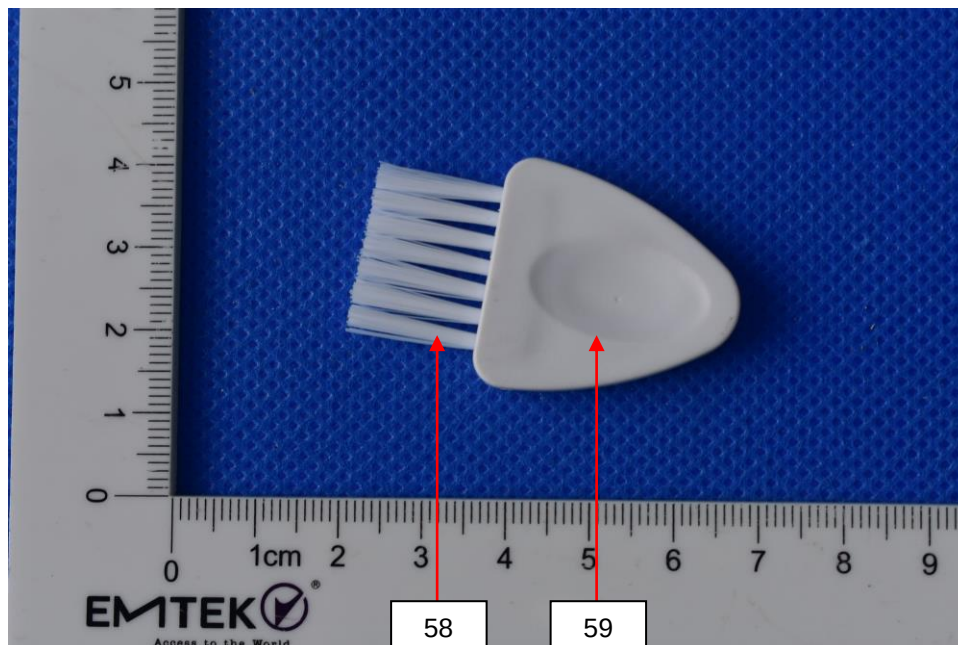
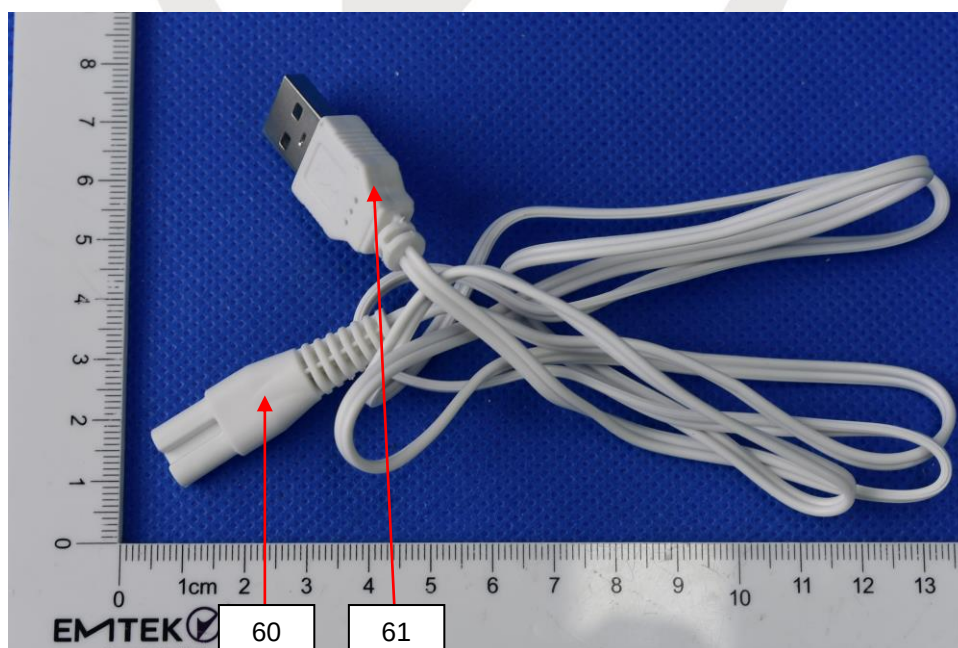
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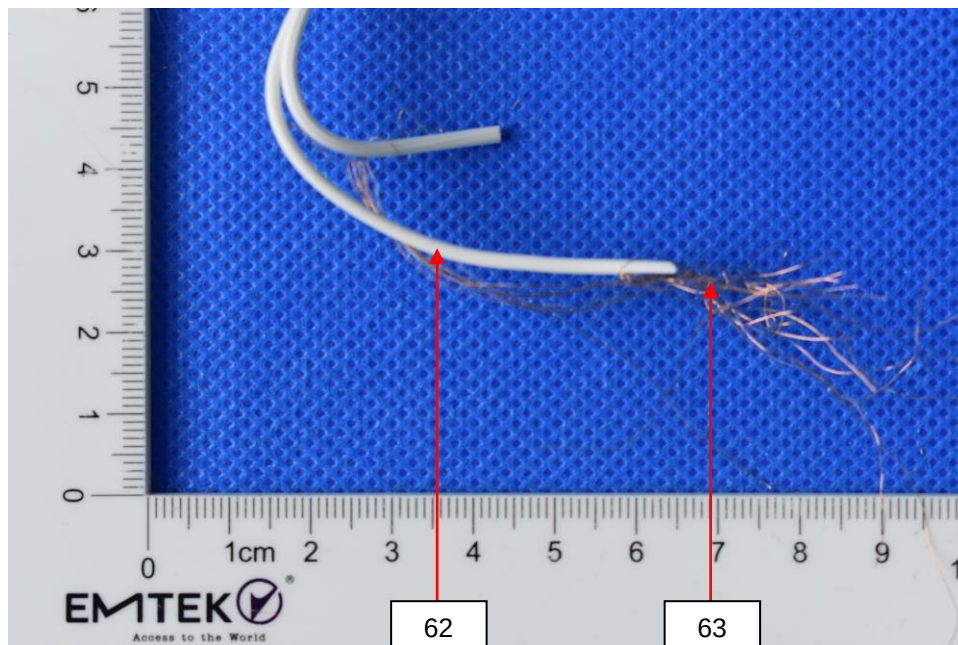
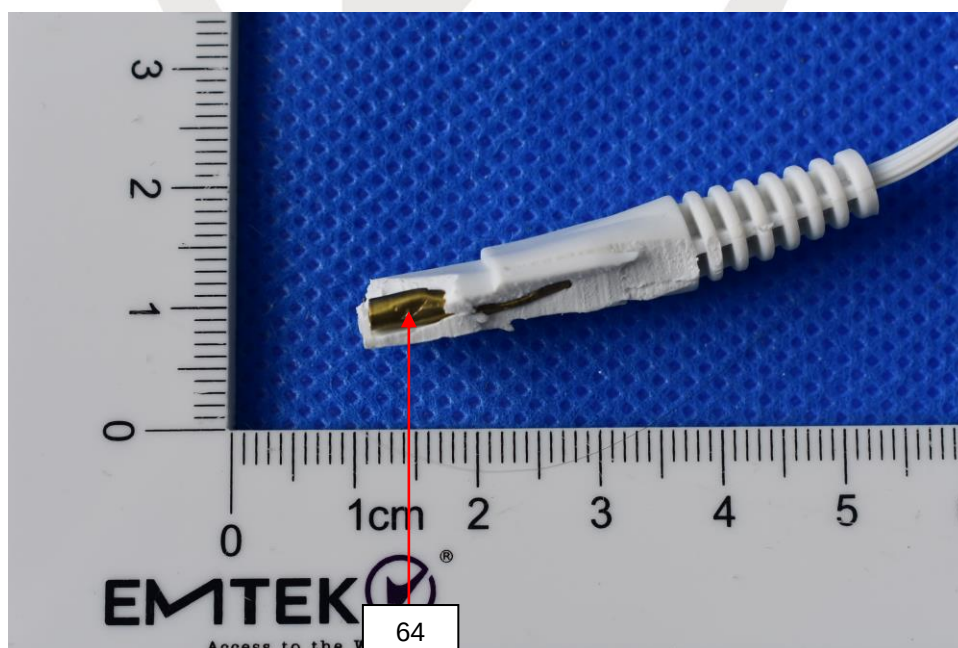
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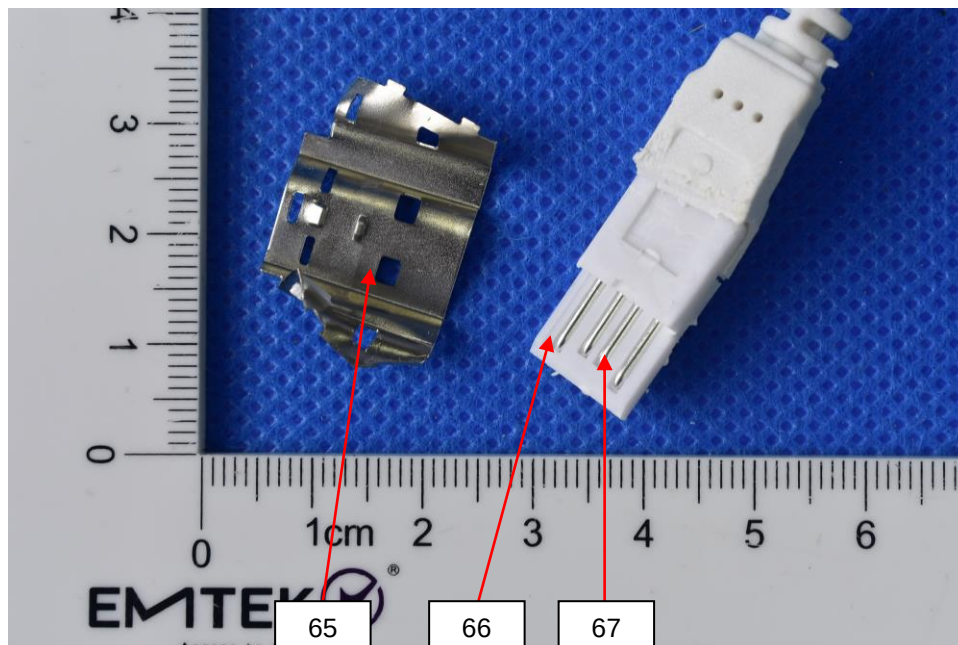
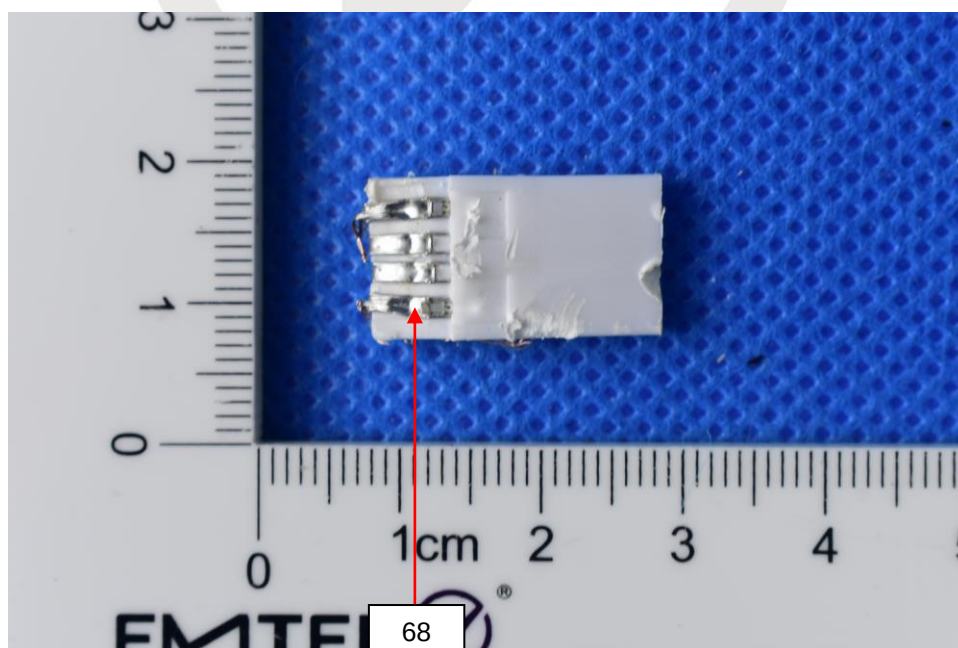
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## Sample Photo



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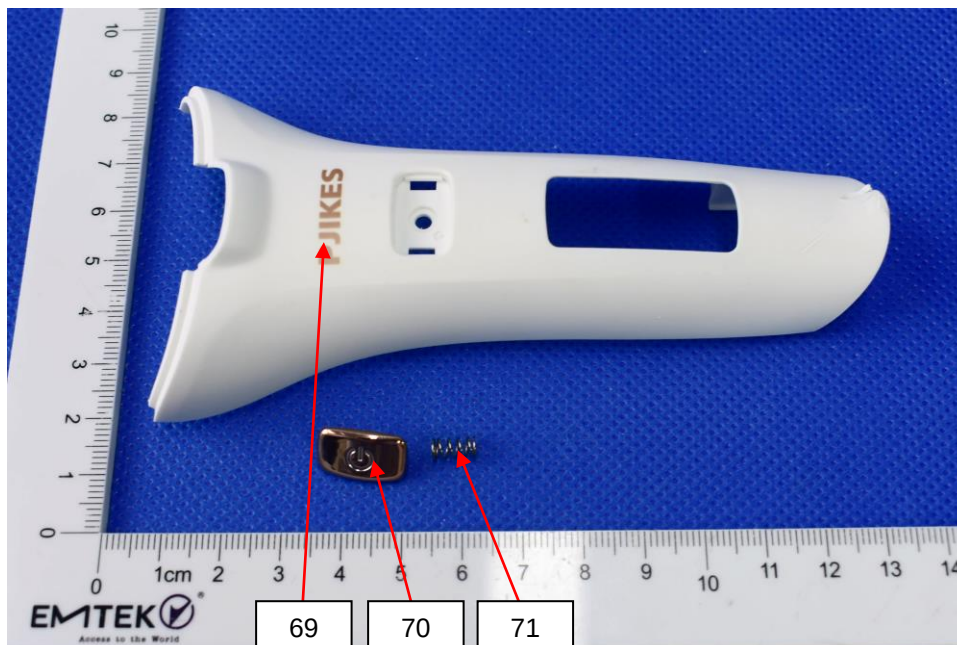
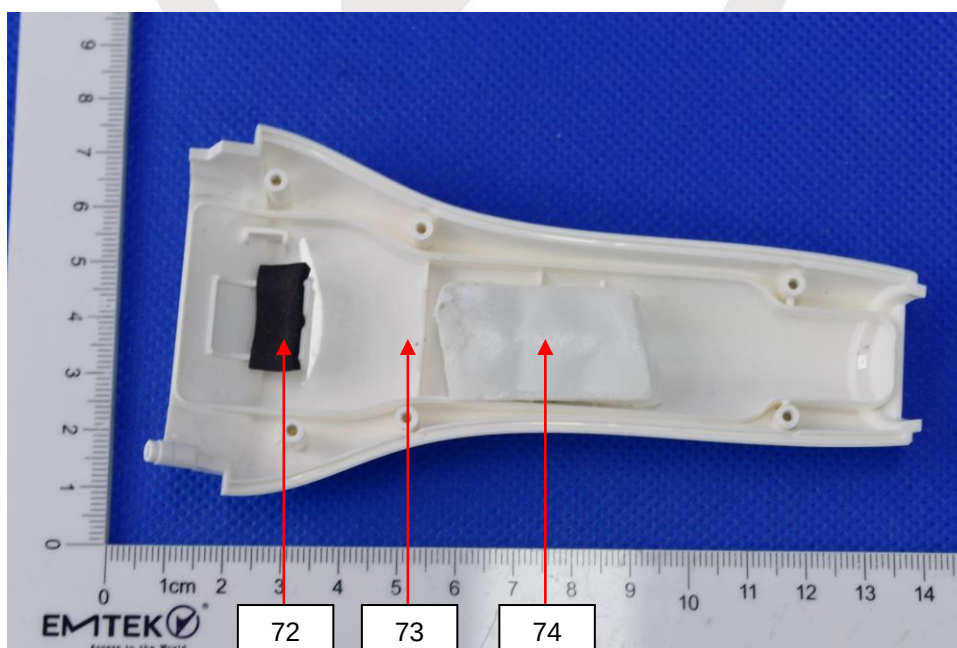
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## Sample Photo



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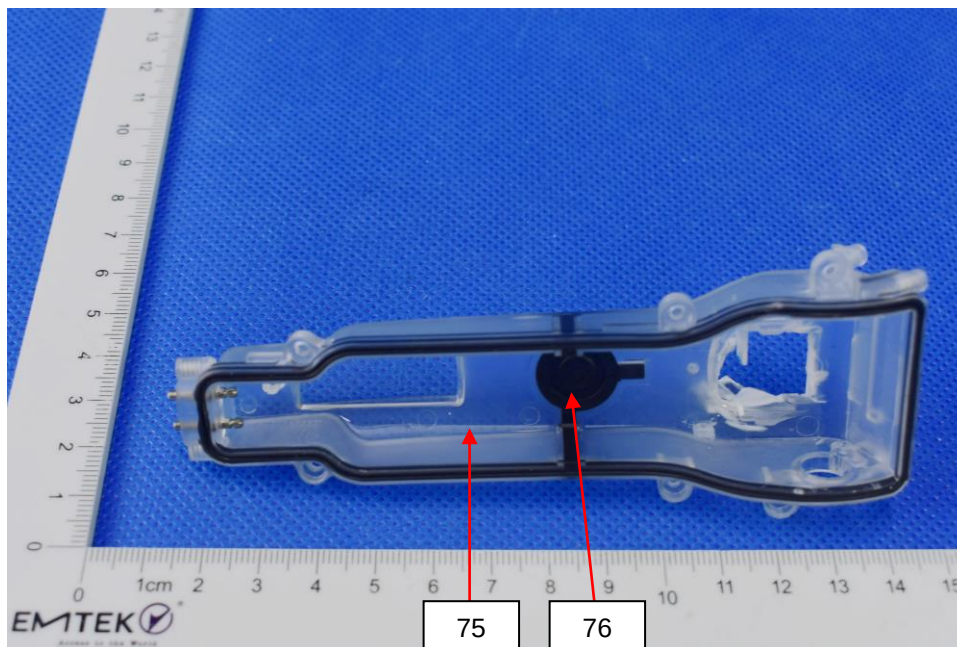
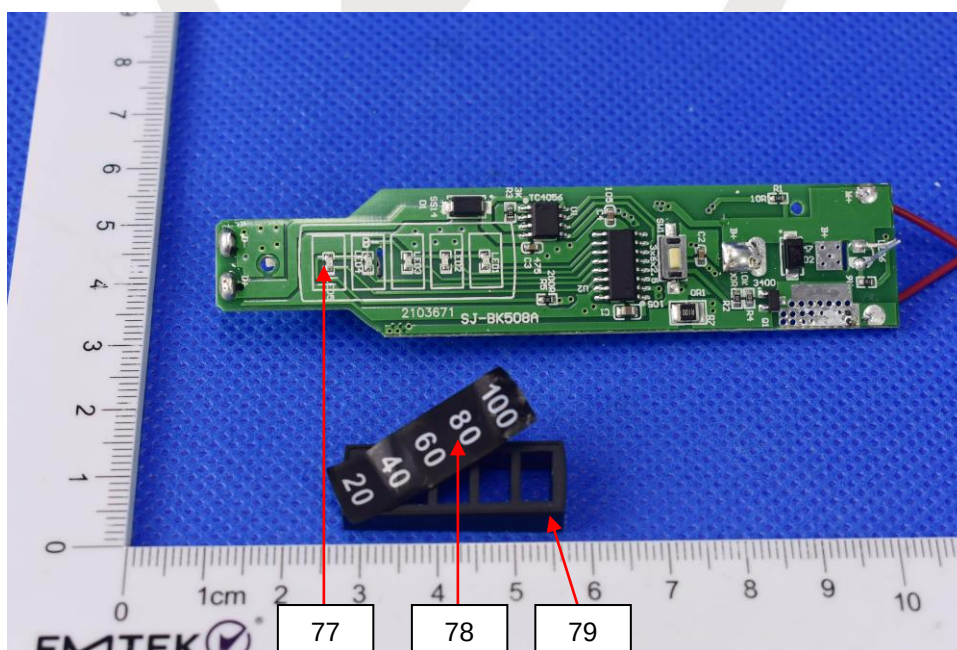
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## Sample Photo



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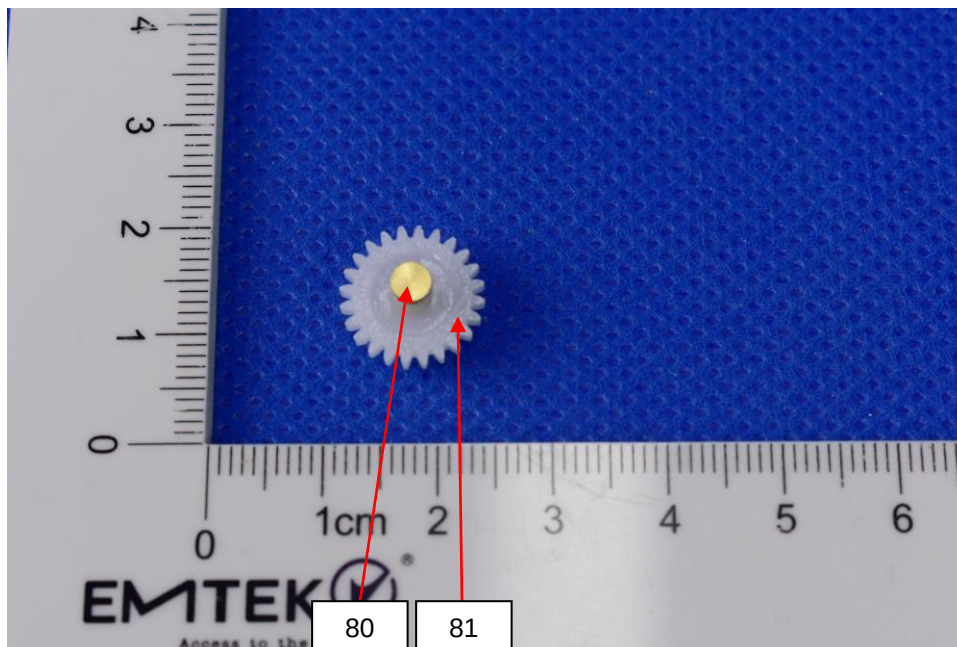
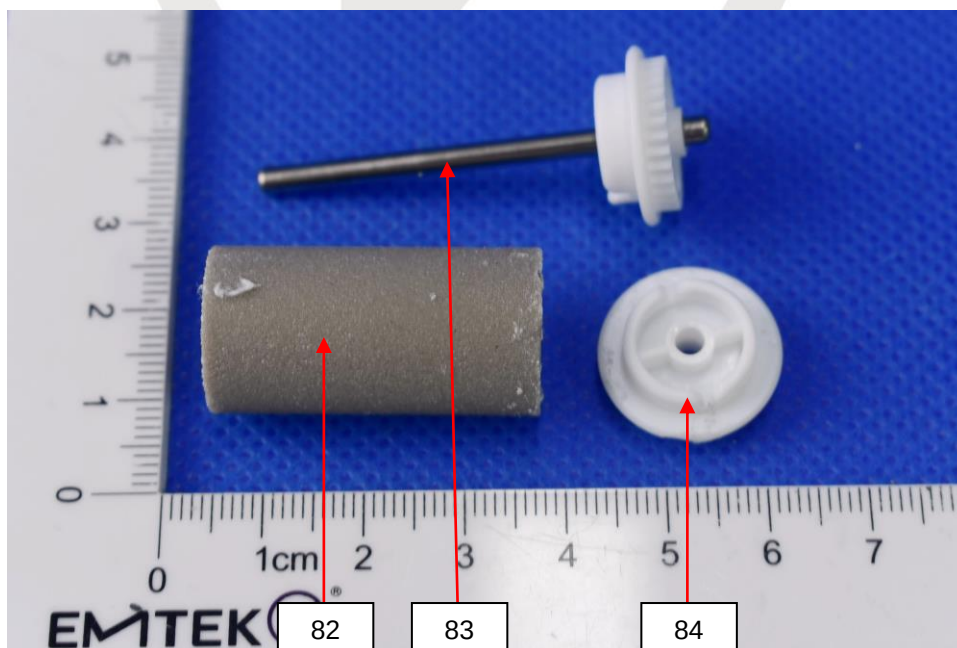
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## Sample Photo



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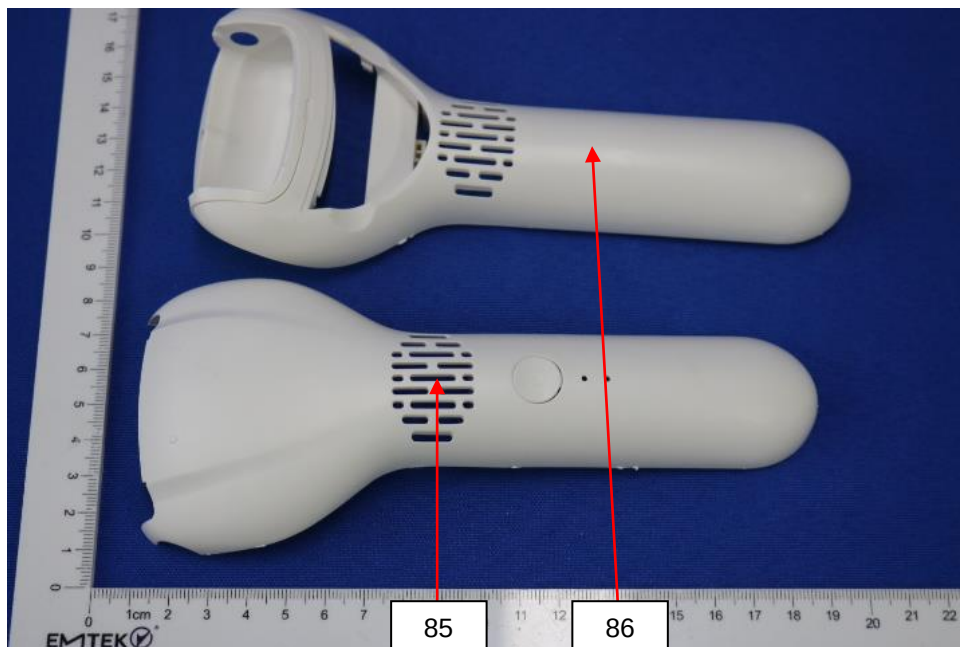
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## Sample Photo



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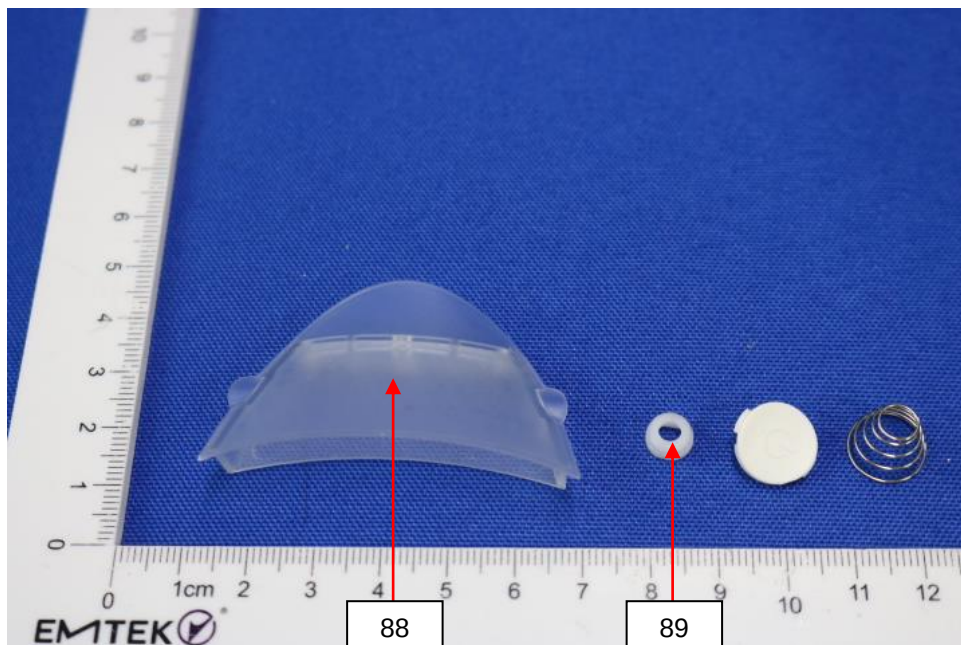
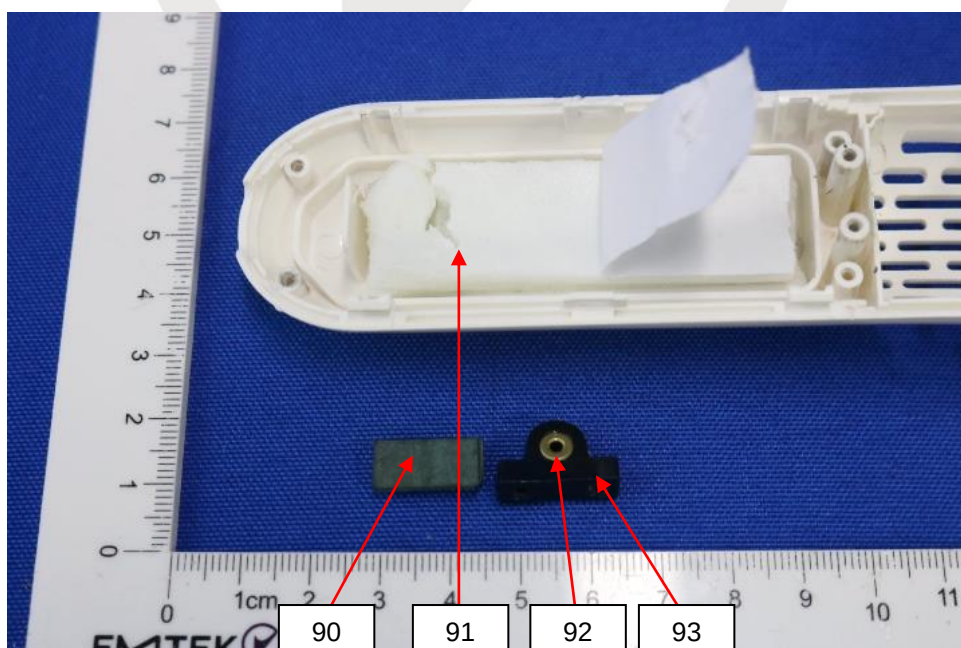
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## Sample Photo



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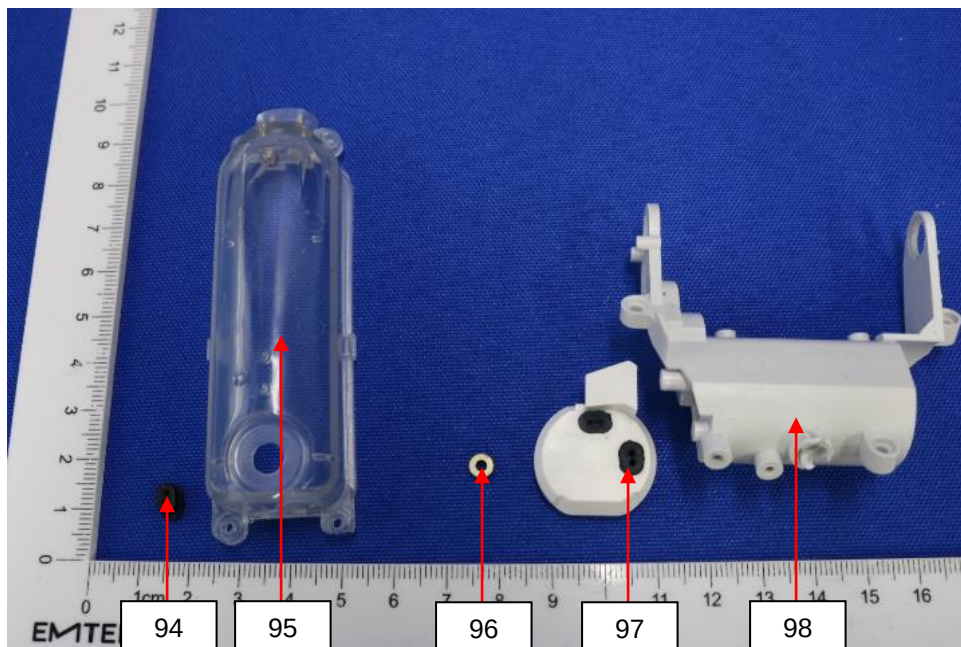
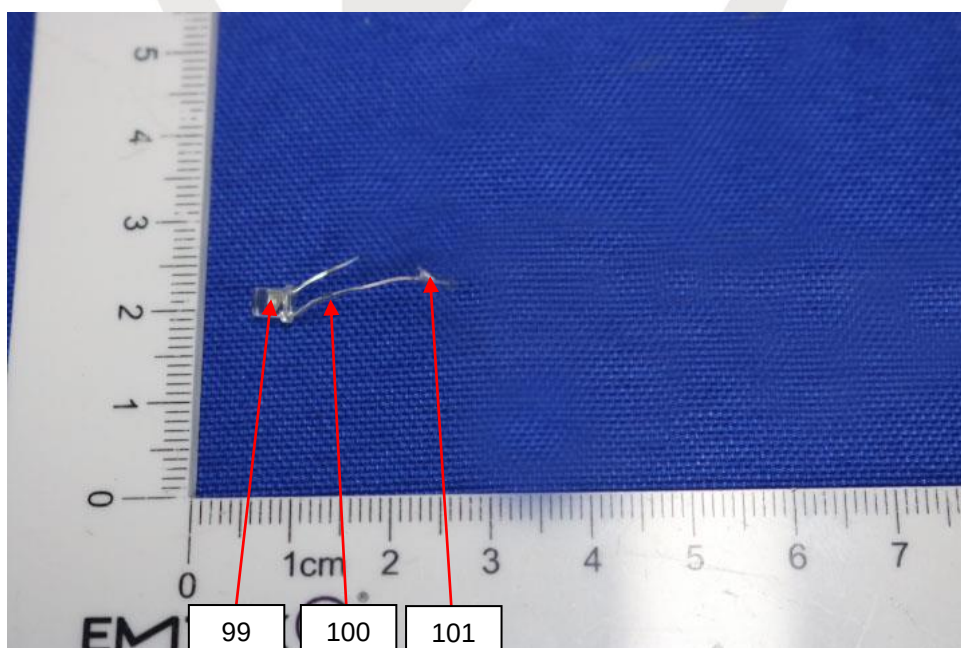
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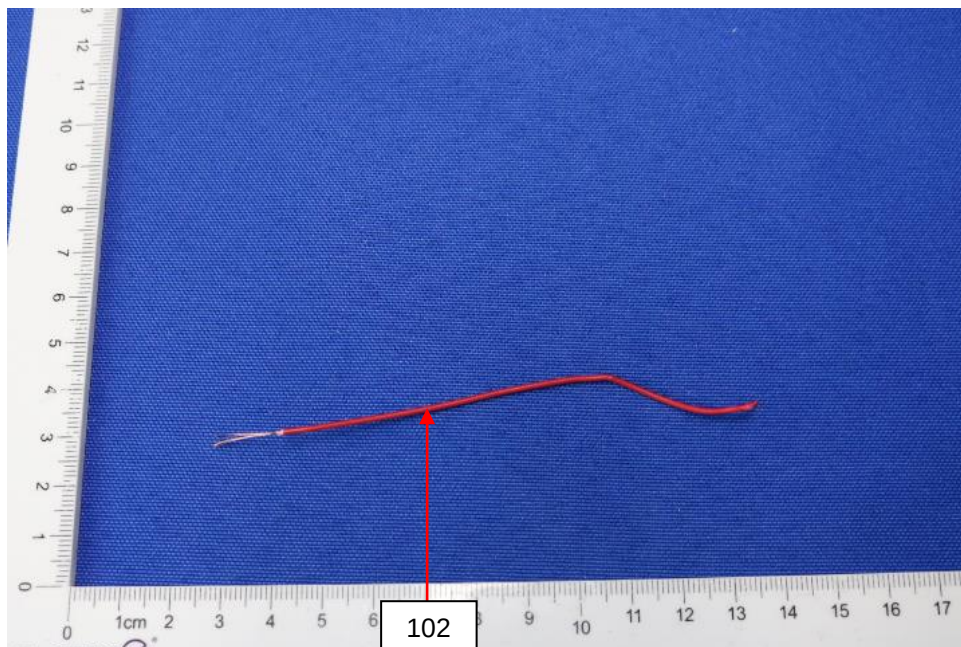
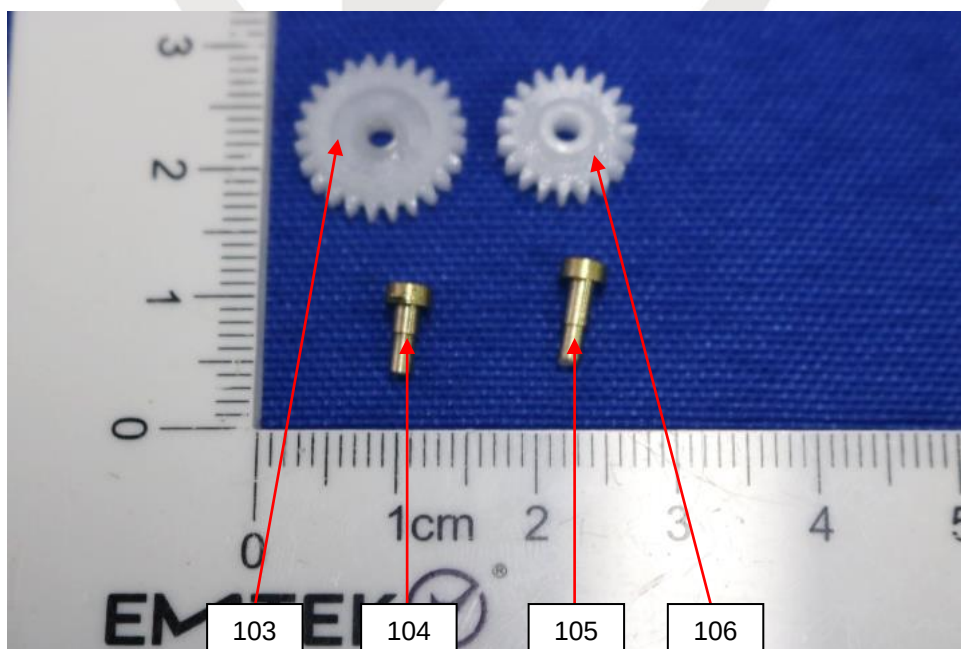
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## Sample Photo



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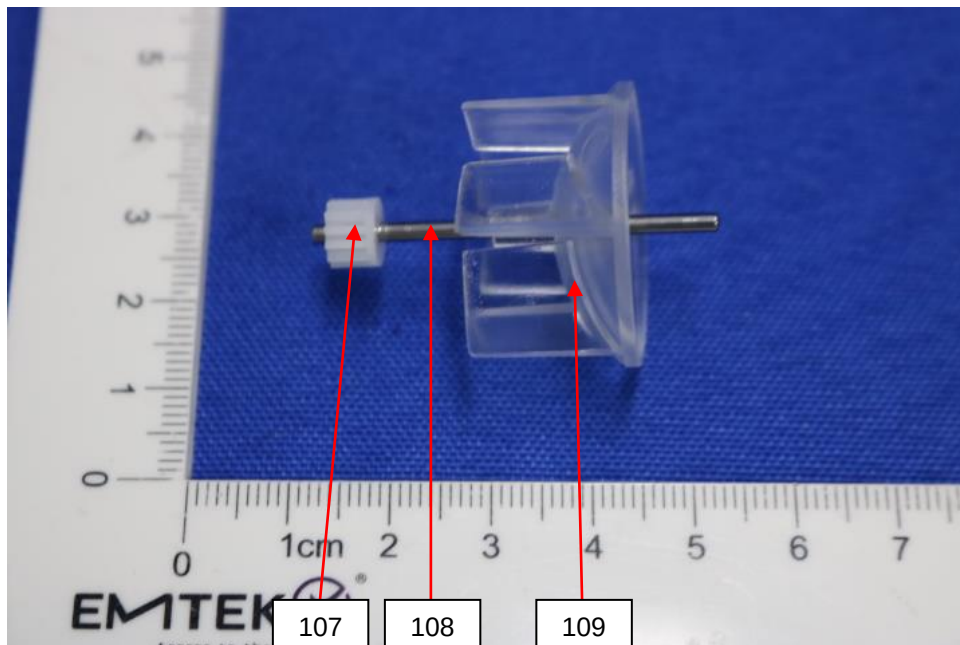
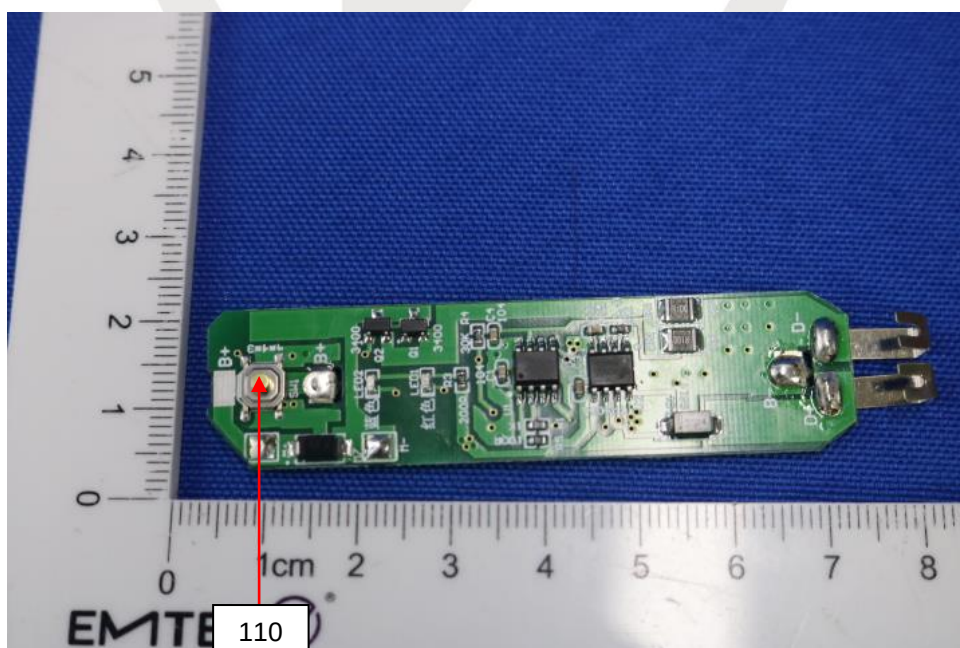
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## Sample Photo



\*\*\* End of Report \*\*\*

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## ANNEX

### EXEMPTION LIST

- 1 Mercury in single capped (compact) fluorescent lamps not exceeding (per burner):
  - 1(a) For general lighting purposes < 30W: 5mg (expires on 31 December 2011; 3.5mg may be used per burner after 31 December 2011 until 31 December 2012; 2.5mg shall be used per burner after 31 December 2012)
  - 1(b) For general lighting purposes ≥ 30W and <50W: 5mg (expires on 31 December 2011; 3.5mg may be used per burner after 31 December 2011)
  - 1(c) For general lighting purposes ≥ 50W and <150W: 5mg
  - 1(d) For general lighting purposes ≥ 150W: 15mg
  - 1(e) For general lighting purposes with circular or square structural shape and tube diameter ≤17mm (no limitation of use until 31 December 2011; 7mg may be used per burner after 31 December 2011)
  - 1(f) For special purposes: 5mg
  - 1(g) For general lighting purposes < 30 W with a lifetime equal or above 20 000 h: 3,5 mg (Expires on 31 December 2017)
- 2(a) Mercury in double-capped linear fluorescent lamps for general lighting purposes not exceeding (per lamp):
  - 2(a)(1) Tri-band phosphor with normal lifetime and a tube diameter < 9mm (e.g. T2): 5mg (expires on 31 December 2011; 4mg may be used per lamp after 31 December 2011)
  - 2(a)(2) Tri-band phosphor with normal lifetime and a tube diameter ≥ 9mm and ≤ 17mm (e.g. T5): 5mg (expires on 31 December 2011; 3mg may be used per lamp after 31 December 2011)
  - 2(a)(3) Tri-band phosphor with normal lifetime and a tube diameter > 17mm and ≤ 28mm (e.g. T8): 5mg (expires on 31 December 2011; 3.5mg may be used per lamp after 31 December 2011)
  - 2(a)(4) Tri-band phosphor with normal lifetime and a tube diameter > 28mm (e.g. T12): 5mg (expires on 31 December 2012; 3.5mg may be used per lamp after 31 December 2012)
  - 2(a)(5) Tri-band phosphor with long lifetime (≥ 25000h): 8mg (expires on 31 December 2011; 5mg may be used per lamp after 31 December 2011)
- 2(b) Mercury in other fluorescent lamps not exceeding (per lamp):
  - 2(b)(2) Non-linear halophosphate lamps (all diameters): 15mg (expires on 13 April 2016)
  - 2(b)(3) Non-linear tri-band phosphor lamps with tube diameter > 17mm (e.g. T9) (no limitation of use until 31 December 2011; 15mg may be used per lamp after 31 December 2011)
  - 2(b)(4) Lamps for other general lighting and special purposes (e.g. induction lamps) (no limitation of use until 31 December 2011; 15mg may be used per lamp after 31 December 2011)
- 3 Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes not exceeding (per lamp):
  - 3(a) Short length (≤ 500mm) (No limitation of use until 31 December 2011; 3.5mg may be used per lamp after 31 December 2011)
  - 3(b) Medium length (> 500mm and ≤ 1500mm) (No limitation of use until 31 December 2011; 5mg may be used per lamp after 31 December 2011)
  - 3(c) Long length (> 1500mm) (No limitation of use until 31 December 2011; 13mg may be used per lamp after 31 December 2011)
- 4(a) Mercury in other low pressure discharge lamps (per lamp) (no limitation of use until 31 December 2011; 15mg may be used per lamp after 31 December 2011)
- 4(b) Mercury in High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner) in lamps with improved colour rendering index Ra > 60:
  - 4(b)-I P ≤ 155W (no limitation of use until 31 December 2011; 40mg may be used per burner after 31 December 2011)
  - 4(b)-II 155W < P ≤ 405W (no limitation of use until 31 December 2011; 40mg may be used per burner after 31 December 2011)
  - 4(b)-III P > 405W (no limitation of use until 31 December 2011; 40mg may be used per burner after 31 December 2011)
- 4(c) Mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner):
  - 4(c)-I P ≤ 155W (no limitation of use until 31 December 2011; 25mg may be used per burner after 31 December 2011)
  - 4(c)-II 155W < P ≤ 405W (no limitation of use until 31 December 2011; 30mg may be used per burner after 31 December 2011)
  - 4(c)-III P > 405W (no limitation of use until 31 December 2011; 40mg may be used per burner after 31 December 2011)
- 4(d) Mercury in High Pressure Mercury (vapour) lamps (HPMV) (expires on 13 April 2015)
- 4(e) Mercury in metal halide lamps (MH)
- 4(f) Mercury in other discharge lamps for special purposes not specifically mentioned in this Annex
- 4(g) Mercury in hand crafted luminous discharge tubes used for signs, decorative or architectural and specialist lighting and light-artwork, where the mercury content shall be limited as follows: (Expires on 31 December 2018)
  - (a) 20 mg per electrode pair + 0,3 mg per tube length in cm, but not more than 80 mg, for outdoor applications and indoor applications exposed to temperatures below 20 °C;
  - (b) 15 mg per electrode pair + 0,24 mg per tube length in cm, but not more than 80 mg, for all other indoor applications.

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## ANNEX

### EXEMPTION LIST

#### Continued

- 5(a) Lead in glass of cathode ray tubes
- 5(b) Lead in glass of fluorescent tubes not exceeding 0.2% by weight
- 6(a) Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35% lead by weight
- 6(b) Lead as an alloying element in aluminium containing up to 0.4% lead by weight
- 6(c) Copper alloy containing up to 4% lead by weight.
- 7(a) Lead in high melting temperature type solders (i.e. lead based alloys containing 85% by weight or more lead)
- 7(b) Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission, and network management for telecommunications
- 7(c)-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectric devices, or in a glass or ceramic matrix compound
- 7(c)-II Lead in dielectric ceramic in capacitors for a rated voltage of 125V AC or 250V DC or higher
- 7(c)-III Lead in dielectric ceramic in capacitors for a rated voltage of less than 125V AC or 250V DC (expires on 1 January 2013 and after that date may be used in spare parts for EEE placed on the market before 1 January 2013).
- 7(c)-IV Lead in PZT based dielectric ceramic materials for capacitors being part of integrated circuits or discrete semiconductors
- 8(a) Cadmium and its compounds in one shot pellet type thermal cut-offs (expires on 1 January 2012 and after that date may be used in spare parts for EEE placed on the market before 1 January 2012)
- 8(b) Cadmium and its compounds in electrical contacts
- 9 Hexavalent chromium as an anti-corrosion agent of the carbon steel cooling system in absorption refrigerators up to 0.75% by weight in the cooling solution
- 9(b) Lead in bearing shells and bushes for refrigerant-containing compressors for heating, ventilation, air conditioning and refrigeration (HVACR) applications
- 11(b) Lead used in other than C-press compliant pin connector systems (expires on 1 January 2013 and after that date may be used in spare parts for EEE placed on the market before 1 January 2013)
- 13(a) Lead in white glasses used for optical applications
- 13(b) Cadmium and lead in filter glasses and glasses used for reflectance standards
- 14 Lead in solders consisting of more than two elements for the connection between the pins and the package of microprocessors with a lead content of more than 80% and less than 85% by weight (expires on 1 January 2011 and after that date may be used in spare parts for EEE placed on the market before 1 January 2011)
- 15 Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit Flip Chip packages
- 17 Lead halide as radiant agent in High Intensity Discharge (HID) lamps used for professional reprography applications
- 18(b) Lead as activator in the fluorescent powder (1% lead by weight or less) of discharge lamps when used as sun tanning lamps containing phosphors such as BSP ( $\text{BaSi}_2\text{O}_5\cdot\text{Pb}$ )
- 21 Lead and cadmium in printing inks for the application of enamels on glasses, such as borosilicate and soda lime glass
- 24 Lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors
- 25 Lead oxide in surface conduction electron emitter displays (SED) used in structural elements, notably in the seal frit and frit ring
- 29 Lead bound in crystal glass as defined in Annex 1 (Categories 1, 2, 3 and 4) of Council Directive 69/493/EEC
- 30 Cadmium alloys as electrical/mechanical solder joints to electrical conductors located directly on the voice coil in transducers used in high-powered loudspeakers with sound pressure levels of 100 dB (A) and more
- 31 Lead in soldering materials in mercury free flat fluorescent lamps (which e.g. are used for liquid crystal displays, design or industrial lighting)
- 32 Lead oxide in seal frit used for making window assemblies for Argon and Krypton laser tubes
- 33 Lead in solders for the soldering of thin copper wires of 100  $\mu\text{m}$  diameter and less in power transformers
- 34 Lead in cermet-based trimmer potentiometer elements
- 37 Lead in the plating layer of high voltage diodes on the basis of a zinc borate glass body
- 38 Cadmium and cadmium oxide in thick film pastes used on aluminium bonded beryllium oxide
- 39 Cadmium in colour converting II-VI LEDs ( $< 10 \mu\text{g Cd per mm}^2$  of light-emitting area) for use in solid state illumination or display systems (expires on 1 July 2014)
- 41 Lead in solders and termination finishes of electrical and electronic components and finishes of printed circuit boards used in ignition modules and other electrical and electronic engine control systems, which for technical reasons must be mounted directly on or in the crankcase or cylinder of hand-held combustion engines (classes SH:1, SH:2, SH:3 of Directive 97/68/EC of the European Parliament and of the Council (2)) (Expires on 31 December 2018)

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## ANNEX

### EXEMPTION LIST

#### Continued

- 43 Bis(2-ethylhexyl) phthalate in rubber components in engine systems, designed for use in equipment that is not intended solely for consumer use and provided that no plasticised material comes into contact with human mucous membranes or into prolonged contact with human skin and concentration value of bis(2-ethylhexyl) phthalate does not exceed:
- a) 30% by weight of the rubber for
    - (i) gasket coatings;
    - (ii) solid-rubber gaskets; or
    - (iii) rubber components included in assemblies of at least three components using electrical, mechanical or hydraulic energy to do work, and attached to the engine.
  - b) 10% by weight of the rubber for rubber-containing components not referred to in point (a).
- For the purposes of this entry, "prolonged contact with human skin" means continuous contact of more than 10 minutes duration or intermittent contact over a period of 30 minutes, per day.
- 44 Lead in solder of sensors, actuators, and engine control units of combustion engines within the scope of Regulation (EU) 2016/1628 of the European Parliament and of the Council, installed in equipment used at fixed positions while in operation which is designed for professionals, but also used by non-professional users.

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7. 若需要在法院审理程序或者仲裁过程中使用测试报告，客户必须在提交测试样品前将该意图告知本公司。  
Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. 该测试报告的支持数据和信息本公司保存 10 年。个别评审机构有特别要求的，检测数据和报告的保存期可依情况变动。一旦超过上述提交的保存期限，数据和信息将被处理掉。任何情况下，本公司不必提供任何被处理的过期数据或信息。即使本公司事先被告知可能会发生相关的损害，本公司在任何情况下也不必承担任何损害，包括（但不限于）补偿性赔偿、利润损失、数据遗失、或任何形式的特殊损害、附带损害、间接损害、从属损害或任何违反约定、违反承诺、侵权（包括疏忽）、产品责任或其他原因的惩罚性损害。  
Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of ten years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

