TOYO LED ELECTRONICS LIMITED
UNIT 10-11, 19/F, METRO LOFT,
38 KWAI HEI STREET, KWAI CHUNG,
NEW TERRITORIES, HONG KONG

The content of this test report is extracted from the test report number HKGEC2000381101 where the sample is claimed to be identical.

The following sample was submitted and identified on behalf of the client as: LED DISPLAY, SMD DISPLAY, THROUGH HOLE LED, SMD LED, TOP VIEW SMD LED (PLCC), INFRARED & PHOTOTRANSISTOR

SGS Job No. :4603612 – HK
Manufacturer : TOYO LED
Item No. Given by Client: TY-50BG4W30-10000, TY-50UR4W30-6000, TY-50UV4W15-2500Z-T8, TY 302USR1TD50-700B8-T2, TY-30PW1W30-8000(16), TY-50UA3W30-5000, TY-50UY21D40-2000(3.1), TY-50PG1D40-3000(3.1), TY-30SHY1TD30-50H-4H, TY-30IR4W20-940-20, TY-30PT4WC-4, CSD10561-G-UG6-0-W, SD10561-G-SR-8-W, CE38281-L-UR3PGWH-0-W-SMT1, E20501-L6-WH-0-WF(3.0), C30541-I-UOR1UG6-0-WF4, CE40406-I-UG4-0-G, TY-3528RGB, TY-3528PW, TY-3528UR3-1500-R3, TY-5050RGB, TY-5050PW, TY-5050RGB3-R13-1.5W, TY-5050RVGY(1.60), TY-Y0606RGB3, TY-Y0603PW, TY-Y0603BL1(0.60), TY-Y0805UR1-H(0.8), TY-Y1206PG1(1.10), TY-M0603YG.001, DZ-1608WHBP-CCM, TY-YSV0602UG1(1.10), TY-YSV0802UY1(0.96), TY-AO3014PW1-0.2W, TY-RF2016WW1-0.2W-A01, TY-DH2525CW1-1W

Date of Sample Received : 11 May 2020
2nd Date of Sample Received : 05 Jun 2020
Testing Period : 11 May 2020 – 15 Jun 2020

Test Requested : As requested by client, SVHC screening is performed according to:
(i) Two hundred and five (205) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before January 16, 2020 regarding Regulation (EC) No 1907/2006 concerning the REACH.

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

**Summary:**

| | |
|---|---|
| According to the ruling of the Court of Justice of the European Union on the definition of an article under REACH, and the specified scope and evaluation screening, the test results of SVHC are ≤ 0.1% (w/w) in the articles of the selected submitted sample.<br>(Decision Rule: please refer to appendix 1: Category 1) | PASS |

Signed for and on behalf of
SGS Hong Kong Limited

Lam Ka Yung, Allen
Chemist

**Remark :**

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:
   http://echa.europa.eu/web/guest/candidate-list-table
   These lists are under evaluation by ECHA and may subject to change in the future.

2. REACH obligation:
   2.1 Concerning article(s):
   Communication:
   Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

   Notification:
   In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

   SGS adopts the ruling of the Court of Justice of the European Union on the definition of an article under REACH unless indicated otherwise. Detail explanation is available at the following link:
   http://www.sgs.com/-/media/global/documents/technical-documents/technical-bulletins/sgs-crs-position-statement-on-svhc-in-articles-a4-en-16-06.pdf?la=en

   2.2 Concerning material(s):
   Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

   If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

2.3 Concerning substance and preparation:
If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:
- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
(a) a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or
(b) a substance that is PBT, or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
(c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or
(d) a substance for which there are Europe-wide workplace exposure limits

3. If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

**Test Sample :**
Sample Description:

| Specimen No. | SGS Sample ID | Description | Group Table |
|---|---|---|---|
| SN1 | HKG20-003811.137 | Non-metal group 001 | -- |
| SN2 | HKG20-003811.138 | Non-metal group 002 | -- |
| SN3 | HKG20-003811.139 | Non-metal group 003 | -- |
| SN5 | HKG20-003811.141 | Non-metal group 005 | -- |
| SN6 | HKG20-003811.142 | Metal group 001 | -- |
| SN7 | HKG20-003811.143 | Metal group 002 | -- |
| SN8 | HKG20-003811.144 | Non-metal group 006 | -- |
| SN9 | HKG20-003811.145 | Non-metal group 007 | -- |
| SN10 | HKG20-003811.054 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB | 141-54 |
| SN11 | HKG20-003811.058 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB | 141-58 |
| SN12 | HKG20-003811.062 | Pale yellow glass fiber w/ white coating w/ coppery metal - PCB | 141-62 |
| SN13 | HKG20-003811.066 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB | 141-66 |
| SN14 | HKG20-003811.081 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB | 141-81 |
| SN15 | HKG20-003811.087 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB | 141-87 |
| SN16 | HKG20-003811.093 | Pale yellow glass fiber w/ green coating w/ coppery metal w/ white printing - PCB | 141-93 |
| SN17 | HKG20-003811.102 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB | 141-102 |
| SN18 | HKG20-003811.109 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB | 141-109 |
| SN19 | HKG20-003811.116 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB | 141-116 |

| Group No (SGS Sample ID) | No. | Description |
|---|---|---|
| 137 | 1 | Transparent plastic - LED |
| | 3 | Transparent plastic - LED |
| | 5 | Transparent plastic - LED |
| | 7 | Transparent plastic - LED |
| | 9 | Transparent brown plastic - LED |
| | 11 | Transparent brown plastic - LED |
| | 13 | Transparent plastic - LED |
| | 15 | Transparent plastic - LED |
| | 17 | Transparent yellow plastic - LED |
| | 19 | Green plastic - LED |
| | 21 | Transparent yellow plastic - LED |
| | 23 | Transparent yellow plastic - LED |
| | 24 | Black plastic - LED cover |
| | 26 | Transparent plastic - LED |
| | 28 | Transparent plastic - LED |
| | 50 | Off-white plastic w/ grey coating - Display case |
| | 51 | Off-white plastic - Display case |
| | 52 | Translucent epoxy - Display |
| | 55 | Off-white plastic w/ grey coating - Display case |

| Group No (SGS Sample ID) | No. | Description |
|---|---|---|
| 138 | 78 | Off-white plastic w/ black coating - Display case |
| | 79 | Off-white plastic - Display case |
| | 80 | Translucent epoxy - Display |
| | 82 | Translucent epoxy - Display backing |
| | 83 | Off-white plastic w/ black coating - Display case |
| | 84 | Off-white plastic - Display case |
| | 85 | Translucent epoxy - Display |
| | 56 | Off-white plastic - Display case |
| | 57 | Translucent epoxy - Display |
| | 59 | Off-white plastic w/ black coating - Display case |
| | 60 | Off-white plastic - Display case |
| | 61 | Translucent epoxy - Display |
| | 63 | Off-white plastic w/ grey coating - Display case |
| | 64 | Off-white plastic - Display case |
| | 65 | Translucent epoxy - Display |
| | 75 | Black plastic - Pin holder |
| | 77 | Transparent plastic w/ black printing - Film |

| Group No (SGS Sample ID) | No. | Description |
|---|---|---|
| 139 | 88 | Translucent epoxy - Display backing |
| | 89 | Off-white plastic w/ black coating - Display case |
| | 90 | Off-white plastic - Display case |
| | 91 | Translucent epoxy - Display |
| | 96 | Translucent epoxy - Display backing |
| | 97 | off-white plastic w/ black coating - Display case |
| | 98 | off-white plastic - Display case |
| | 99 | Translucent epoxy - Display |
| | 100 | Black plastic - Pin holder |
| | 103 | Translucent epoxy - Display backing |
| | 104 | Transparent plastic w/ black printing - Film |
| | 105 | Off-white plastic w/ black coating - Display case |
| | 106 | Off-white plastic - Display case |
| | 107 | Translucent epoxy - Display |
| | 110 | Translucent epoxy - Display backing |
| | 111 | Transparent plastic w/ black printing - Film |
| | 112 | Off-white plastic w/ black coating - Display case |
| | 113 | Off-white plastic - Display case |
| | 114 | Translucent epoxy - Display |
| | 117 | Translucent epoxy - Display backing |

| Group No (SGS Sample ID) | No. | Description |
|---|---|---|
| 141 | 109 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB |
| | 116 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB |
| | 54 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB |
| | 58 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB |
| | 62 | Pale yellow glass fiber w/ white coating w/ coppery metal - PCB |
| | 66 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB |
| | 81 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB |
| | 87 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB |
| | 93 | Pale yellow glass fiber w/ green coating w/ coppery metal w/ white printing - PCB |
| | 102 | Pale yellow glass fiber w/ dark green coating w/ coppery metal w/ white printing - PCB |

| Group No (SGS Sample ID) | No. | Description |
|---|---|---|
| 142 | 2 | Golden metal w/ silvery plating - LED pin |
| | 4 | Golden metal w/ silvery plating - LED pin |
| | 6 | Golden metal w/ silvery plating - LED pin |
| | 8 | Golden metal w/ silvery plating - LED pin |
| | 10 | Golden metal w/ silvery plating - LED pin |
| | 12 | Golden metal w/ silvery plating - LED pin |
| | 14 | Golden metal w/ silvery plating - LED pin |
| | 16 | Golden metal w/ silvery plating - LED pin |
| | 18 | Golden metal w/ silvery plating - LED pin |
| | 20 | Golden metal w/ silvery plating - LED pin |
| | 22 | Golden metal w/ silvery plating - LED pin |
| | 25 | Golden metal w/ silvery plating - LED pin |
| | 27 | Golden metal w/ silvery plating - LED pin |
| | 29 | Golden metal w/ silvery plating - LED pin |
| | 76 | Golden metal w/ silvery plating - Display pin |
| | 86 | Golden metal w/ silvery plating - Display pin |
| | 92 | Golden metal w/ silvery plating - Display pin |
| | 101 | Golden metal w/ silvery plating - Display pin |
| | 108 | Golden metal w/ silvery plating - Display pin |

| Group No (SGS Sample ID) | No. | Description |
|---|---|---|
| 143 | 115 | Golden metal w/ silvery plating - Display pin |
| 144 | 30 | White plastic w/ silvery metal - SMD LED |
| | 31 | White/yellow plastic w/ silvery metal - SMD LED |
| | 32 | White plastic w/ silvery metal - SMD LED |
| | 33 | White plastic w/ silvery metal - SMD LED |
| | 34 | White/yellow plastic w/ silvery metal - SMD LED |
| | 35 | White plastic w/ silvery metal - SMD LED |
| | 36 | White plastic w/ silvery metal - SMD LED |
| | 37 | White plastic w/ silvery metal - SMD LED |
| | 38 | off-white plastic w/ silvery metal - SMD LED |
| | 39 | White/yellow plastic w/ silvery metal - SMD LED |
| | 40 | White plastic w/ silvery metal - SMD LED |
| | 41 | off-white plastic w/ silvery metal - SMD LED |
| | 42 | White plastic w/ silvery metal - SMD LED |
| | 43 | White plastic w/ silvery metal - SMD LED |
| | 44 | White/yellow plastic w/ silvery metal - SMD LED |

| Group No (SGS Sample ID) | No. | Description |
|---|---|---|
| 145 | 45 | White plastic w/ silvery metal - SMD LED |
| | 46 | White plastic w/ silvery metal - SMD LED |
| | 47 | White/yellow plastic w/ silvery metal - SMD LED |
| | 48 | White/yellow plastic w/ silvery metal - SMD LED |
| | 49 | White/yellow plastic w/ silvery metal - SMD LED |
| | 53 | White plastic w/ silvery metal - SMD LED |
| | 94 | White plastic w/ silvery metal - SMD LED |
| | 95 | Yellow plastic w/ silvery metal - SMD LED |

**Test Method:**

SGS In-House method-CTS-HL-114-1, CTS-HL-234-5, Analyzed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.

**Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 137 to 139 Concentration (%) | RL (%) |
|---|---|---|---|---|
| - | All tested SVHC in candidate list | - | ND | - |

**Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 141 Concentration (%) | RL (%) |
|---|---|---|---|---|
| VIII | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | **See below confirmation test results** | 0.100 |
| - | Other tested SVHC in candidate list | - | ND | - |

**Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 142 to 145 Concentration (%) | RL (%) |
|---|---|---|---|---|
| - | All tested SVHC in candidate list | - | ND | - |

**Confirmation Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 054 Concentration (%) | RL (%) |
|---|---|---|---|---|
| IX | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | ND | 0.050 |

**Confirmation Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 058 Concentration (%) | RL (%) |
|---|---|---|---|---|
| IX | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | ND | 0.050 |

**Confirmation Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 062 Concentration (%) | RL (%) |
|---|---|---|---|---|
| IX | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | ND | 0.050 |

**Confirmation Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 066 Concentration (%) | RL (%) |
|---|---|---|---|---|
| IX | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | ND | 0.050 |

**Confirmation Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 081 Concentration (%) | RL (%) |
|---|---|---|---|---|
| IX | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | ND | 0.050 |

**Confirmation Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 087 Concentration (%) | RL (%) |
|---|---|---|---|---|
| IX | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | ND | 0.050 |

**Confirmation Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 093 Concentration (%) | RL (%) |
|---|---|---|---|---|
| IX | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | ND | 0.050 |

**Confirmation Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 102 Concentration (%) | RL (%) |
|---|---|---|---|---|
| IX | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | ND | 0.050 |

**Confirmation Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 109 Concentration (%) | RL (%) |
|---|---|---|---|---|
| IX | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | ND | 0.050 |

**Confirmation Test Result: (Substances in the Candidate List of SVHC)**

| Batch | Substance Name | CAS No. | 116 Concentration (%) | RL (%) |
|---|---|---|---|---|
| IX | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | ND | 0.050 |

Notes:

1. The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.

2. RL = Reporting Limit. All RL are based on homogenous material
   ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
   NA^ = Upon further test verification on the specific detected element(s) of SVHC and also information provided from client, the possibility that the element(s) content originate from SVHC is very unlikely, even though their presence cannot be excluded entirely. It may be assumed that the detected element(s) have a non-SVHC source.

3. * The test result is based on the calculation of selected element(s) and to the worst-case scenario.
   ** The test result is based on the calculation of selected marker(s) and to the worst-case scenario.
   For detail information, please refer to the SGS REACH website:
   http://www.sgs.com/en/Consumer-Goods-Retail/Toys-and-Juvenile-Products/Toys/REACH/Management-of-SVHC.aspx

4. RL = 0.01% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium and cadmium respectively), except molybdenum RL=0.001%, boron RL=0.005% (only for Lead bis(tetrafluoroborate)), chromium (VI) RL=0.005% (only for Pentazinc chromate octahydroxide).

5. Calculated concentration of boric compounds are based on the total boron for liquid, powder and paste samples and water extractive boron for other samples by ICP-OES.

6. Δ CAS No. of diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD): 134237-50-6, 134237-51-7, 134237-52-8.

7. ☆ CAS No. of Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride: 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9; EC No. of those: 247-094-1, 243-072-0, 256-356-4, 260-566-1.

8. § The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) ≥0.1% (w/w).

9. Composite test has been performed in equal proportion for the components/material per client requested. And the result is calculated using the minimum sample weight.

10. In consideration of the analysis requirement and the limit of sample volume, the screening test for the article is based on components / material enough to test.

**Appendix**
**Full list of tested SVHC:**

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| I | 1 | 4,4'-Diaminodiphenylmethane(MDA) | 101-77-9 | 0.100 |
| I | 2 | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) | 81-15-2 | 0.100 |
| I | 3 | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 85535-84-8 | 0.100 |
| I | 4 | Anthracene | 120-12-7 | 0.100 |
| I | 5 | Benzyl butyl phthalate (BBP) | 85-68-7 | 0.100 |
| I | 6 | Bis(2-ethylhexyl)phthalate (DEHP) | 117-81-7 | 0.100 |
| I | 7 | Bis(tributyltin)oxide (TBTO) | 56-35-9 | 0.100 |
| I | 8 | Cobalt dichloride* | 7646-79-9 | 0.010 |
| I | 9 | Diarsenic pentaoxide* | 1303-28-2 | 0.010 |
| I | 10 | Diarsenic trioxide* | 1327-53-3 | 0.010 |
| I | 11 | Dibutyl phthalate (DBP) | 84-74-2 | 0.100 |
| I | 12 | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD) $^{\Delta}$ | 25637-99-4, 3194- 55-6 | 0.100 |
| I | 13 | Lead hydrogen arsenate* | 7784-40-9 | 0.010 |
| I | 14 | Sodium dichromate* | 7789-12-0, 10588-01-9 | 0.010 |
| I | 15 | Triethyl arsenate* | 15606-95-8 | 0.010 |
| II | 16 | 2,4-Dinitrotoluene | 121-14-2 | 0.100 |
| II | 17 | Acrylamide | 79-06-1 | 0.100 |
| II | 18 | Anthracene oil** | 90640-80-5 | 0.100 |

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| II | 19 | Anthracene oil, anthracene paste** | 90640-81-6 | 0.100 |
| II | 20 | Anthracene oil, anthracene paste, anthracene fraction** | 91995-15-2 | 0.100 |
| II | 21 | Anthracene oil, anthracene paste, distn. Lights** | 91995-17-4 | 0.100 |
| II | 22 | Anthracene oil, anthracene-low** | 90640-82-7 | 0.100 |
| II | 23 | Diisobutyl phthalate | 84-69-5 | 0.100 |
| II | 24 | Lead chromate molybdate sulphate red (C.I. Pigment Red 104)* | 12656-85-8 | 0.010 |
| II | 25 | Lead chromate* | 7758-97-6 | 0.010 |
| II | 26 | Lead sulfochromate yellow (C.I. Pigment Yellow 34)* | 1344-37-2 | 0.010 |
| II | 27 | Pitch, coal tar, high temp. ** | 65996-93-2 | 0.100 |
| II | 28 | Tris(2-chloroethyl)phosphate | 115-96-8 | 0.100 |
| III | 29 | Ammonium dichromate* | 7789-09-5 | 0.010 |
| III | 30 | Boric acid* | 10043-35-3, 11113-50-1 | 0.010 |
| III | 31 | Disodium tetraborate, anhydrous* | 1303-96-4, 1330-43-4, 12179-04-3 | 0.010 |
| III | 32 | Potassium chromate* | 7789-00-6 | 0.010 |
| III | 33 | Potassium dichromate* | 7778-50-9 | 0.010 |
| III | 34 | Sodium chromate* | 7775-11-3 | 0.010 |
| III | 35 | Tetraboron disodium heptaoxide, hydrate* | 12267-73-1 | 0.010 |
| III | 36 | Trichloroethylene | 79-01-6 | 0.100 |
| IV | 37 | 2-Ethoxyethanol | 110-80-5 | 0.100 |

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| IV | 38 | 2-Methoxyethanol | 109-86-4 | 0.100 |
| IV | 39 | Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid* | 7738-94-5,-13530-68-2 | 0.010 |
| IV | 40 | Chromium trioxide* | 1333-82-0 | 0.010 |
| IV | 41 | Cobalt(II) carbonate* | 513-79-1 | 0.010 |
| IV | 42 | Cobalt(II) diacetate* | 71-48-7 | 0.010 |
| IV | 43 | Cobalt(II) dinitrate* | 10141-05-6 | 0.010 |
| IV | 44 | Cobalt(II) sulphate* | 10124-43-3 | 0.010 |
| V | 45 | 1,2,3-trichloropropane | 96-18-4 | 0.100 |
| V | 46 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich | 71888-89-6 | 0.100 |
| V | 47 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 68515-42-4 | 0.100 |
| V | 48 | 1-methyl-2-pyrrolidone | 872-50-4 | 0.100 |
| V | 49 | 2-ethoxyethyl acetate | 111-15-9 | 0.100 |
| V | 50 | Hydrazine | 7803-57-8, 302-01-2 | 0.100 |
| V | 51 | strontium chromate* | 7789-06-2 | 0.010 |
| VI | 52 | 1,2-Dichloroethane | 107-06-2 | 0.100 |
| VI | 53 | 2,2'-dichloro-4,4'-methylenedianiline | 101-14-4 | 0.100 |
| VI | 54 | 2-Methoxyaniline; o-Anisidine | 90-04-0 | 0.100 |
| VI | 55 | 4-(1,1,3,3-tetramethylbutyl)phenol | 140-66-9 | 0.100 |
| VI | 56 | Aluminosilicate Refractory Ceramic Fibres* | 650-017-00-8 (Index no.) | 0.010 |

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| VI | 57 | Arsenic acid* | 7778-39-4 | 0.010 |
| VI | 58 | Bis(2-methoxyethyl) ether | 111-96-6 | 0.100 |
| VI | 59 | Bis(2-methoxyethyl) phthalate | 117-82-8 | 0.100 |
| VI | 60 | Calcium arsenate* | 7778-44-1 | 0.010 |
| VI | 61 | Dichromium tris(chromate)* | 24613-89-6 | 0.010 |
| VI | 62 | Formaldehyde, oligomeric reaction products with aniline | 25214-70-4 | 0.100 |
| VI | 63 | Lead diazide, Lead azide* | 13424-46-9 | 0.010 |
| VI | 64 | Lead dipicrate* | 6477-64-1 | 0.010 |
| VI | 65 | Lead styphnate* | 15245-44-0 | 0.010 |
| VI | 66 | N,N-dimethylacetamide | 127-19-5 | 0.100 |
| VI | 67 | Pentazinc chromate octahydroxide* | 49663-84-5 | 0.010 |
| VI | 68 | Phenolphthalein | 77-09-8 | 0.100 |
| VI | 69 | Potassium hydroxyoctaoxodizincatedichromate* | 11103-86-9 | 0.010 |
| VI | 70 | Trilead diarsenate* | 3687-31-8 | 0.010 |
| VI | 71 | Zirconia Aluminosilicate Refractory Ceramic Fibres* | 650-017-00-8 (Index no.) | 0.010 |
| VII | 72 | [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)§ | 2580-56-5 | 0.100 |
| VII | 73 | [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) § | 548-62-9 | 0.100 |
| VII | 74 | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) | 112-49-2 | 0.100 |

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| VII | 75 | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 110-71-4 | 0.100 |
| VII | 76 | 4,4'-bis(dimethylamino) benzophenone (Michler's Ketone) | 90-94-8 | 0.100 |
| VII | 77 | 4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol§ | 561-41-1 | 0.100 |
| VII | 78 | Diboron trioxide* | 1303-86-2 | 0.010 |
| VII | 79 | Formamide | 75-12-7 | 0.100 |
| VII | 80 | Lead(II) bis(methanesulfonate)* | 17570-76-2 | 0.010 |
| VII | 81 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 101-61-1 | 0.100 |
| VII | 82 | TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione) | 2451-62-9 | 0.100 |
| VII | 83 | α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) § | 6786-83-0 | 0.100 |
| VII | 84 | β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) | 59653-74-6 | 0.100 |
| VIII | 85 | [Phthalato(2-)]dioxotrilead* | 69011-06-9 | 0.010 |
| VIII | 86 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear | 84777-06-0 | 0.100 |
| VIII | 87 | 1,2-Diethoxyethane | 629-14-1 | 0.100 |
| VIII | 88 | 1-Bromopropane | 106-94-5 | 0.100 |
| VIII | 89 | 3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 143860-04-2 | 0.100 |
| VIII | 90 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated | - | 0.100 |
| VIII | 91 | 4,4'-Methylenedi-*o*-toluidine | 838-88-0 | 0.100 |
| VIII | 92 | 4,4'-Oxydianiline and its salts | 101-80-4 | 0.100 |

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| VIII | 93 | 4-Aminoazobenzene | 60-09-3 | 0.100 |
| VIII | 94 | 4-Methyl-*m*-phenylenediamine | 95-80-7 | 0.100 |
| VIII | 95 | 4-Nonylphenol, branched and linear | - | 0.100 |
| VIII | 96 | 6-Methoxy-*m*-toluidine | 120-71-8 | 0.100 |
| VIII | 97 | Acetic acid, lead salt, basic* | 51404-69-4 | 0.010 |
| VIII | 98 | Biphenyl-4-ylamine | 92-67-1 | 0.100 |
| VIII | 99 | Bis(pentabromophenyl) ether (DecaBDE) | 1163-19-5 | 0.100 |
| VIII | 100 | Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride | 85-42-7, 13149-00-3, 14166-21-3 | 0.100 |
| VIII | 101 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) | 123-77-3 | 0.100 |
| VIII | 102 | Dibutyltin dichloride (DBTC) | 683-18-1 | 0.100 |
| VIII | 103 | Diethyl sulphate | 64-67-5 | 0.100 |
| VIII | 104 | Diisopentylphthalate | 605-50-5 | 0.100 |
| VIII | 105 | Dimethyl sulphate | 77-78-1 | 0.100 |
| VIII | 106 | Dinoseb | 88-85-7 | 0.100 |
| VIII | 107 | Dioxobis(stearato)trilead* | 12578-12-0 | 0.010 |
| VIII | 108 | Fatty acids, C16-18, lead salts* | 91031-62-8 | 0.010 |
| VIII | 109 | Furan | 110-00-9 | 0.100 |
| VIII | 110 | Henicosafluoroundecanoic acid | 2058-94-8 | 0.100 |
| VIII | 111 | Heptacosafluorotetradecanoic acid | 376-06-7 | 0.100 |

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| VIII | 112 | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆ | 0.100 |
| VIII | 113 | Lead bis(tetrafluoroborate)* | 13814-96-5 | 0.010 |
| VIII | 114 | Lead cyanamidate* | 20837-86-9 | 0.010 |
| VIII | 115 | Lead dinitrate* | 10099-74-8 | 0.010 |
| VIII | 116 | Lead monoxide* | 1317-36-8 | 0.010 |
| VIII | 117 | Lead oxide sulfate* | 12036-76-9 | 0.010 |
| VIII | 118 | Lead tetroxide (orange lead)* | 1314-41-6 | 0.010 |
| VIII | 119 | Lead titanium trioxide* | 12060-00-3 | 0.010 |
| VIII | 120 | Lead titanium zirconium oxide* | 12626-81-2 | 0.010 |
| VIII | 121 | Methoxyacetic acid | 625-45-6 | 0.100 |
| VIII | 122 | Methyloxirane (Propylene oxide) | 75-56-9 | 0.100 |
| VIII | 123 | N,N-Dimethylformamide | 68-12-2 | 0.100 |
| VIII | 124 | N-Methylacetamide | 79-16-3 | 0.100 |
| VIII | 125 | N-Pentyl-isopentylphthalate | 776297-69-9 | 0.100 |
| VIII | 126 | *o*-Aminoazotoluene | 97-56-3 | 0.100 |
| VIII | 127 | *o*-Toluidine | 95-53-4 | 0.100 |
| VIII | 128 | Pentacosafluorotridecanoic acid | 72629-94-8 | 0.100 |
| VIII | 129 | Pentalead tetraoxide sulphate* | 12065-90-6 | 0.010 |
| VIII | 130 | Pyrochlore, antimony lead yellow* | 8012-00-8 | 0.010 |

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| VIII | 131 | Silicic acid, barium salt, lead-doped* | 68784-75-8 | 0.010 |
| VIII | 132 | Silicic acid, lead salt* | 11120-22-2 | 0.010 |
| VIII | 133 | Sulfurous acid, lead salt, dibasic* | 62229-08-7 | 0.010 |
| VIII | 134 | Tetraethyllead* | 78-00-2 | 0.010 |
| VIII | 135 | Tetralead trioxide sulphate* | 12202-17-4 | 0.010 |
| VIII | 136 | Tricosafluorododecanoic acid | 307-55-1 | 0.100 |
| VIII | 137 | Trilead bis(carbonate)dihydroxide (basic lead carbonate)* | 1319-46-6 | 0.010 |
| VIII | 138 | Trilead dioxide phosphonate* | 12141-20-7 | 0.010 |
| IX | 139 | 4-Nonylphenol, branched and linear, ethoxylated | - | 0.100 |
| IX | 140 | Ammonium pentadecafluorooctanoate (APFO)** | 3825-26-1 | 0.100 |
| IX | 141 | Cadmium oxide* | 1306-19-0 | 0.010 |
| IX | 142 | Cadmium | 7440-43-9 | 0.010 |
| IX | 143 | Dipentyl phthalate (DPP) | 131-18-0 | 0.100 |
| IX | 144 | Pentadecafluorooctanoic acid (PFOA) | 335-67-1 | 0.100 |
| X | 145 | Cadmium sulphide* | 1306-23-6 | 0.010 |
| X | 146 | Dihexyl phthalate | 84-75-3 | 0.100 |
| X | 147 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) | 573-58-0 | 0.100 |
| X | 148 | Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) | 1937-37-7 | 0.100 |
| X | 149 | Imidazolidine-2-thione; (2-imidazoline-2-thiol) | 96-45-7 | 0.100 |

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| X | 150 | Lead di(acetate)* | 301-04-2 | 0.010 |
| X | 151 | Trixylyl phosphate | 25155-23-1 | 0.100 |
| XI | 152 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | 68515-50-4 | 0.100 |
| XI | 153 | Cadmium chloride* | 10108-64-2 | 0.010 |
| XI | 154 | Sodium perborate; perboric acid, sodium salt* | - | 0.010 |
| XI | 155 | Sodium peroxometaborate* | 7632-04-4 | 0.010 |
| XII | 156 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 25973-55-1 | 0.100 |
| XII | 157 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 3846-71-7 | 0.100 |
| XII | 158 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | 15571-58-1 | 0.100 |
| XII | 159 | Cadmium fluoride* | 7790-79-6 | 0.010 |
| XII | 160 | Cadmium sulphate* | 10124-36-4, 31119-53-6 | 0.010 |
| XII | 161 | Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate & 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE & MOTE) | - | 0.100 |
| XIII | 162 | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate | 68515-51-5, 68648-93-1 | 0.100 |
| XIII | 163 | 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof] | - | 0.100 |

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| XIV | 164 | 1,3-propanesultone | 1120-71-4 | 0.100 |
| XIV | 165 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327) | 3864-99-1 | 0.100 |
| XIV | 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350) | 36437-37-3 | 0.100 |
| XIV | 167 | Nitrobenzene | 98-95-3 | 0.100 |
| XIV | 168 | Perfluorononan-1-oic-acid and its sodium and ammonium salts | 375-95-1, 21049-39-8, 4149-60-4 | 0.100 |
| XV | 169 | Benzo[def]chrysene (Benzo[a]pyrene) | 50-32-8 | 0.100 |
| XVI | 170 | 4,4'-isopropylidenediphenol (bisphenol A) | 80-05-7 | 0.100 |
| XVI | 171 | 4-Heptylphenol, branched and linear | - | 0.100 |
| XVI | 172 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts | 3108-42-7, 335-76-2, 3830-45-3 | 0.100 |
| XVI | 173 | p-(1,1-dimethylpropyl)phenol | 80-46-6 | 0.100 |
| XVII | 174 | Perfluorohexane-1-sulphonic acid and its salts | - | 0.100 |
| XVIII | 175 | 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof] | - | 0.100 |
| XVIII | 176 | Benz[a]anthracene | 56-55-3, 1718-53-2 | 0.100 |
| XVIII | 177 | Cadmium nitrate* | 10022-68-1, 10325-94-7 | 0.010 |
| XVIII | 178 | Cadmium carbonate* | 513-78-0 | 0.010 |
| XVIII | 179 | Cadmium hydroxide* | 21041-95-2 | 0.010 |
| XVIII | 180 | Chrysene | 218-01-9, 1719-03-5 | 0.100 |

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| XVIII | 181 | Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear] | - | 0.100 |
| XIX | 182 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA) | 552-30-7 | 0.100 |
| XIX | 183 | Benzo[ghi]perylene | 191-24-2 | 0.100 |
| XIX | 184 | Decamethylcyclopentasiloxane (D5) | 541-02-6 | 0.100 |
| XIX | 185 | Dicyclohexyl phthalate (DCHP) | 84-61-7 | 0.100 |
| XIX | 186 | Disodium octaborate* | 12008-41-2 | 0.010 |
| XIX | 187 | Dodecamethylcyclohexasiloxane (D6) | 540-97-6 | 0.100 |
| XIX | 188 | Ethylenediamine (EDA) | 107-15-3 | 0.100 |
| XIX | 189 | Lead | 7439-92-1 | 0.010 |
| XIX | 190 | Octamethylcyclotetrasiloxane (D4) | 556-67-2 | 0.100 |
| XIX | 191 | Terphenyl, hydrogenated | 61788-32-7 | 0.100 |
| XX | 192 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor) | 15087-24-8 | 0.100 |
| XX | 193 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane | 6807-17-6 | 0.100 |
| XX | 194 | Benzo[k]fluoranthene | 207-08-9 | 0.100 |
| XX | 195 | Fluoranthene | 206-44-0, 93951-69-0 | 0.100 |
| XX | 196 | Phenanthrene | 85-01-8 | 0.100 |
| XX | 197 | Pyrene | 129-00-0, 1718-52-1 | 0.100 |
| XXI | 198 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and | - | 0.100 |

| Batch | No. | Substance Name | CAS No. | RL (%) |
|---|---|---|---|---|
| | | combinations thereof) | | |
| XXI | 199 | 2-methoxyethyl acetate | 110-49-6 | 0.100 |
| XXI | 200 | 4-tert-butylphenol (PTBP) | 98-54-4 | 0.100 |
| XXI | 201 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ⩾ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP) | - | 0.100 |
| XXII | 202 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone | 119313-12-1 | 0.100 |
| XXII | 203 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | 71868-10-5 | 0.100 |
| XXII | 204 | Diisohexyl phthalate | 71850-09-4 | 0.100 |
| XXII | 205 | Perfluorobutane sulfonic acid (PFBS) and its salts | - | 0.100 |

## Appendix 1

| Category | Decision Rule Statement |
|---|---|
| 1 | The decision rule for conformity reporting is based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability, w = U95) in ILAC-G8:09/2019 Clause 4.2.3.<br>A. "Pass - the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band." or "Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%.".<br>B. "Conditional Pass - The measured values were observed in tolerance at the points tested. However, a portion of the expanded measurement uncertainty intervals about one or more measured values exceeded / out of tolerance. When the measured result is close to the tolerance, the specific false accept risk is up to 50%.".<br>C. "Conditional Fail - One or more measured values were observed out of tolerance at the points tested. However, a portion of the expanded measurement uncertainty intervals about one or more measured values were in tolerance. When the measured result is close to the tolerance, the specific false reject risk is up to 50%.".<br>D. "Fail - the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band." or "Fail - One or more measured values were observed out of tolerance at the points tested". The specific false reject risk is up to 2.5%. |
| 2 | The decision rule for conformity reporting is based on BS EN 1811:2011+A1:2015: Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin in Section 9.2 interpretation of results. |
| 3 | The decision rule for conformity reporting is based on the general consideration of simple acceptance as stated in ISO/IEC Guide 98-3: "Uncertainty of measurement - Part 3: Guide to the expression of uncertainty in measurement (GUM 1995)", and more specifically for analytical measurements to the EURACHEM/CITAC Guide 2012 "Quantifying Uncertainty in Analytical Measurement ". |
| 4 | The decision rule for conformity reporting is according to the IEC 62321-7-1 Edition 1.0 2015-09 Section 7: Table 1-(comparison to standard and interpretation of result) |
| 5 | The decision rule for conformity reporting is according to the IEC 62321-3-1 Edition 1.0 2013-06 Annex A.3 interpretation of result. |
| 6 | The decision rule for conformity reporting is according to the GB/T 26125-2011 Annex A to H |
| 7 | The decision rule for conformity reporting is according to the requested specification or standard<br>(ASTM F963-17 section 4.3.5) |
| 8 | The decision rule for conformity reporting is according to the requested specification or standard<br>(AS/NZS ISO 8124 Part 3 section 4.2) |
| Remark | If the decision rule is not feasible to be used and the uncertainty of the result is able to be provided, the uncertainty range of the result will be shown in the report. Otherwise, only result will be shown in the report. |

Sample photo :



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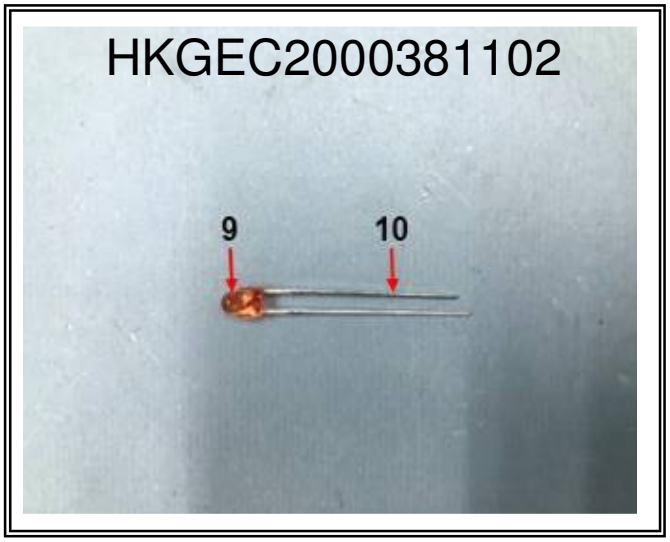


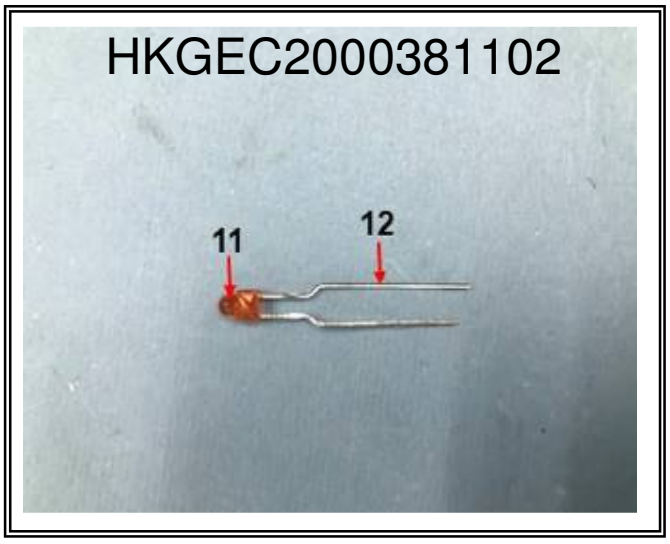


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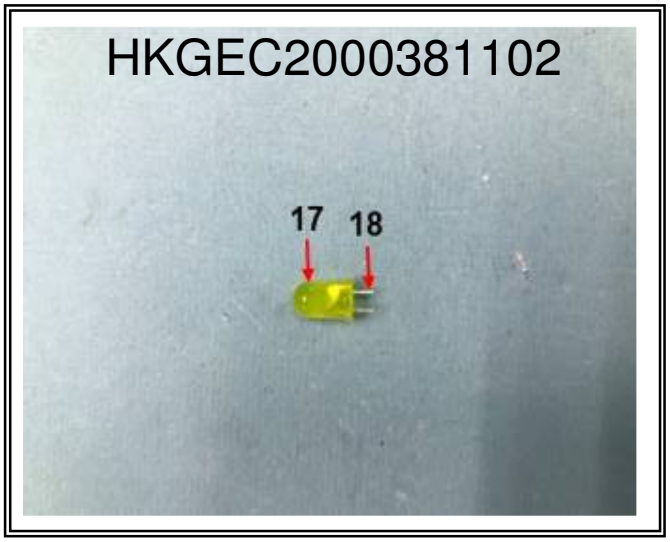


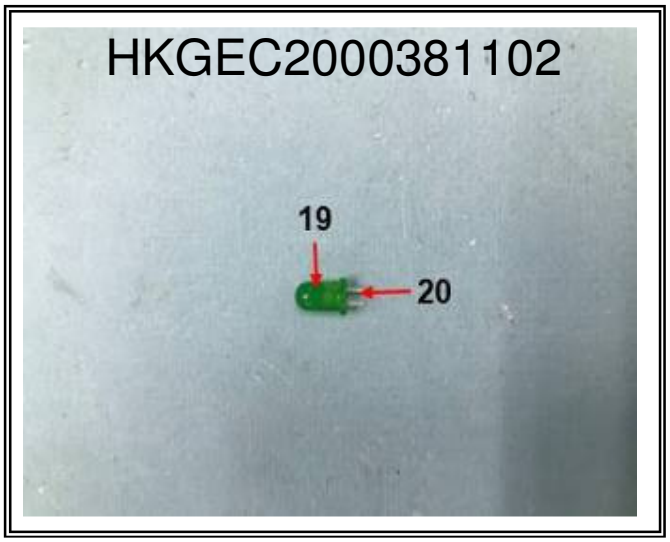


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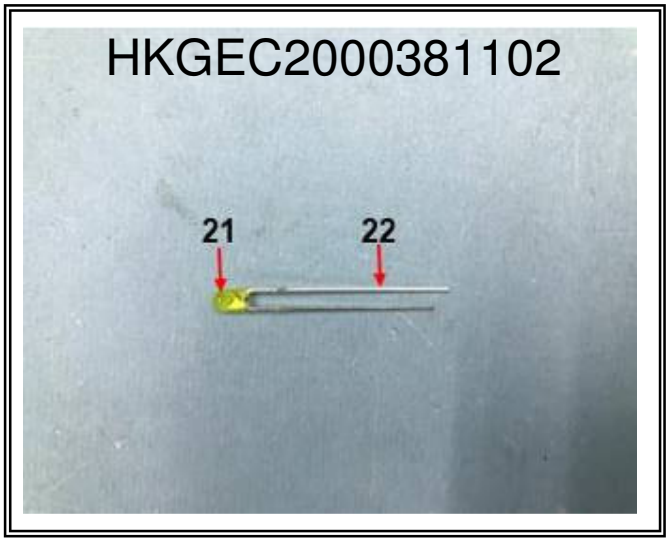


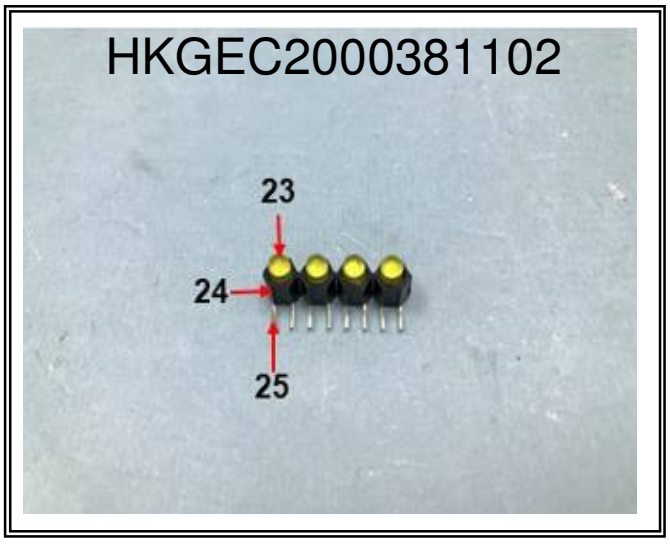


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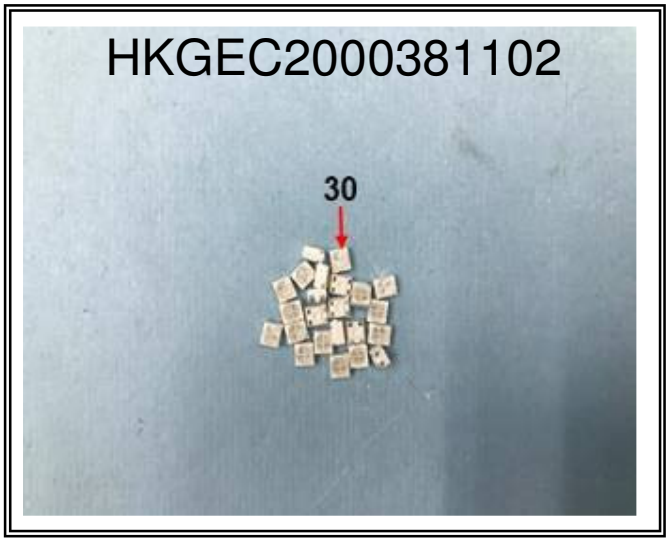



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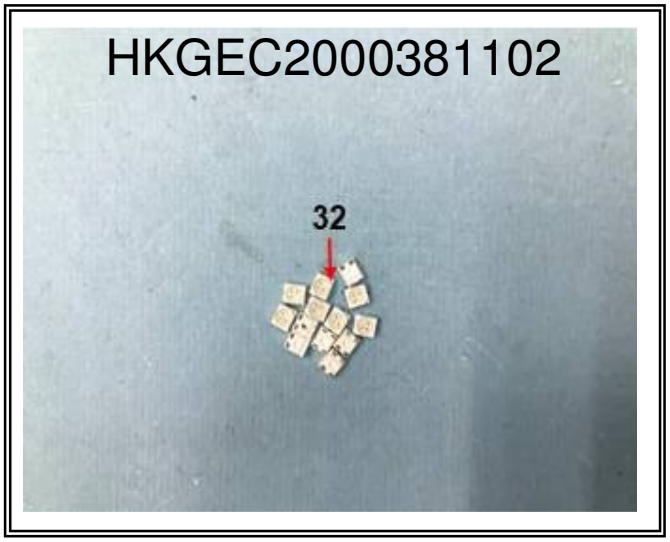



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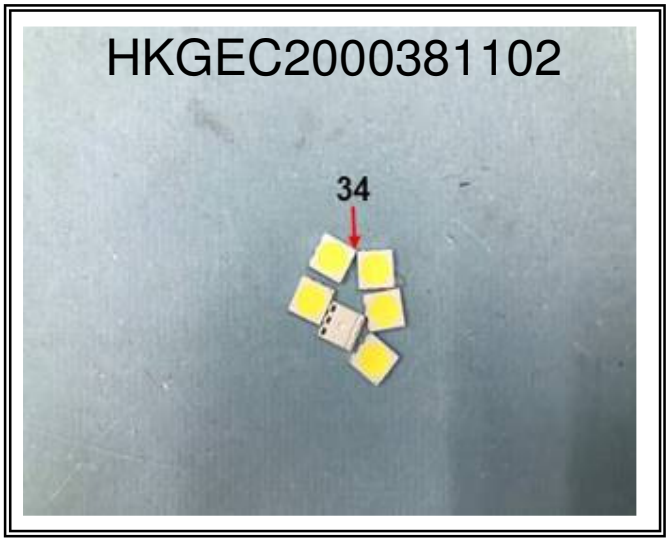



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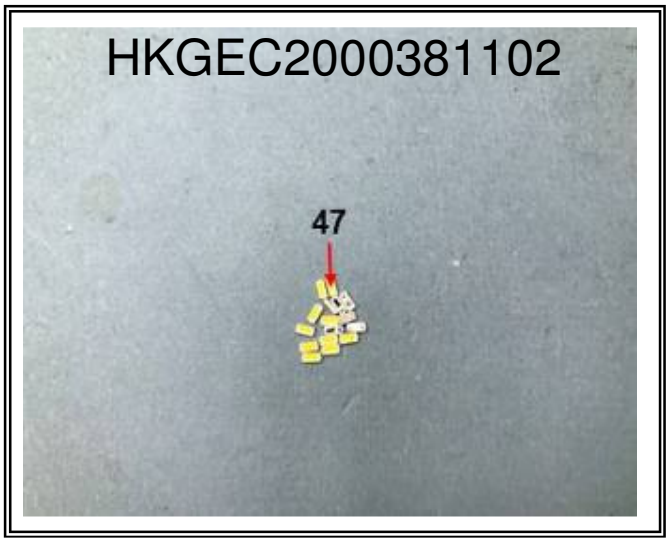


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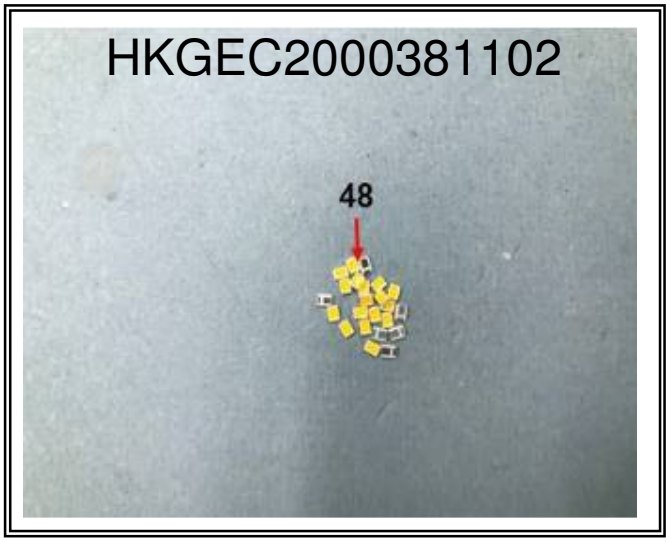


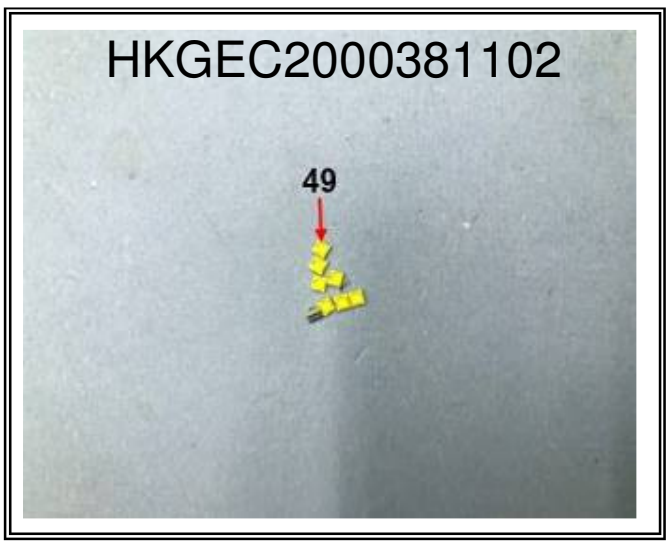


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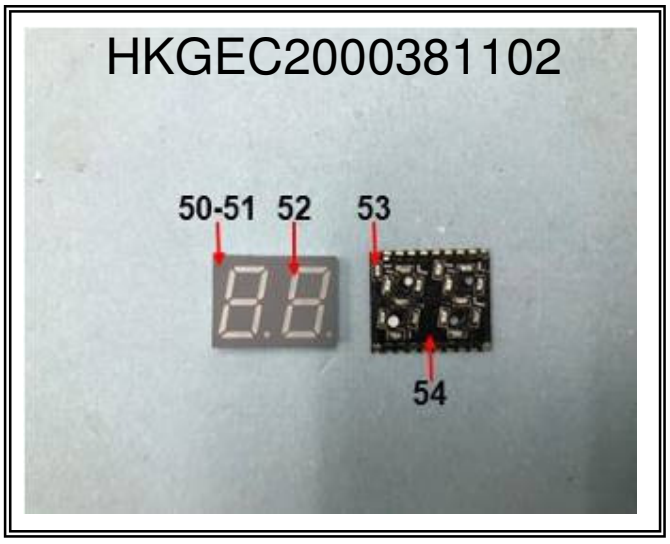


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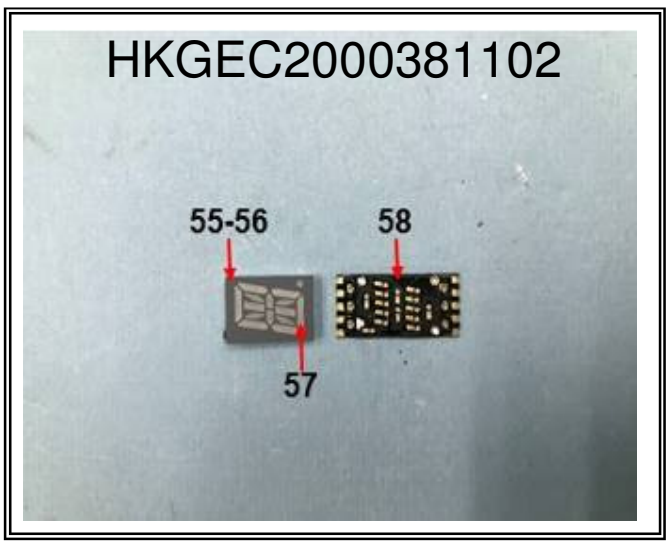


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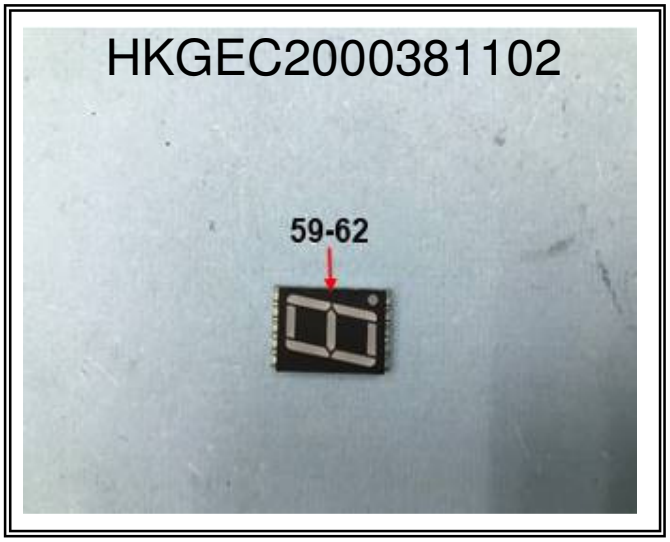


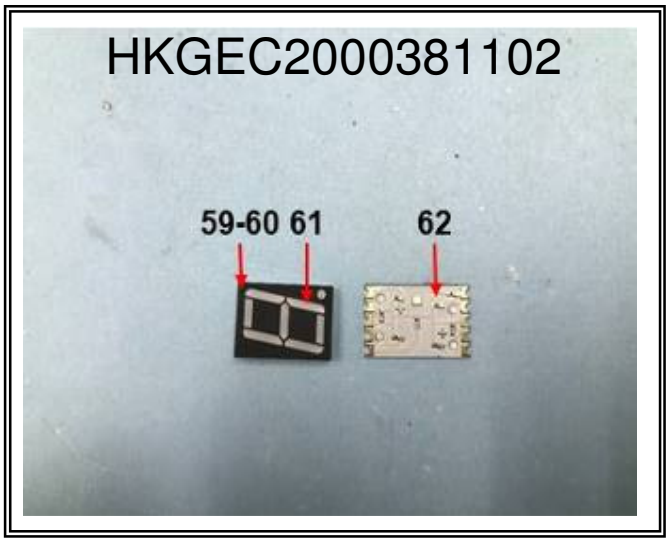


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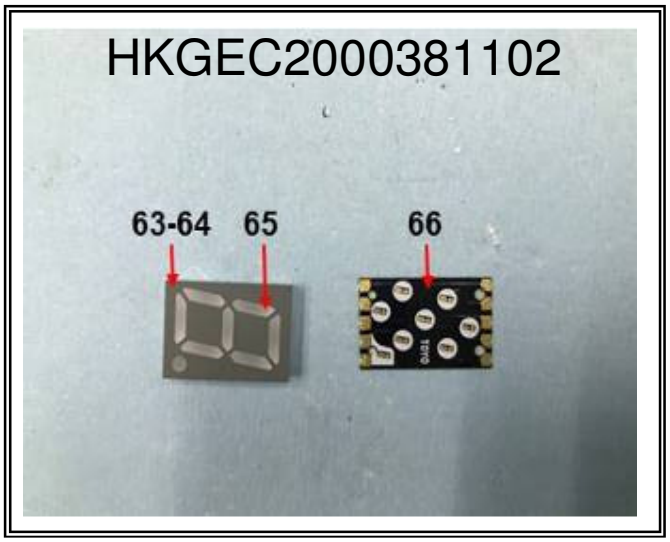


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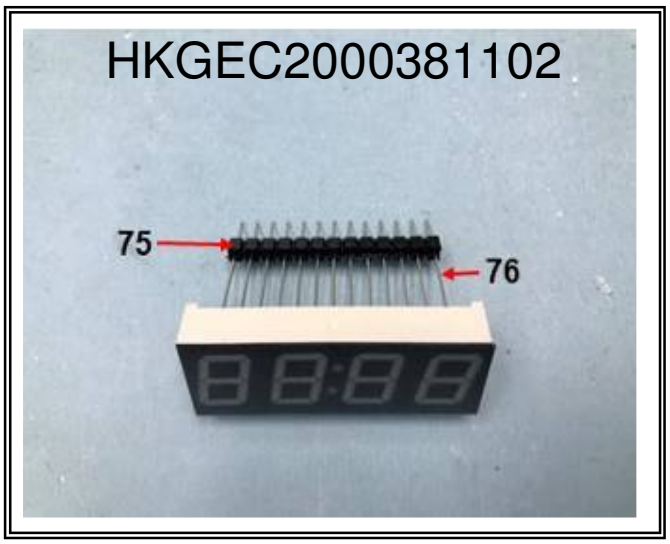



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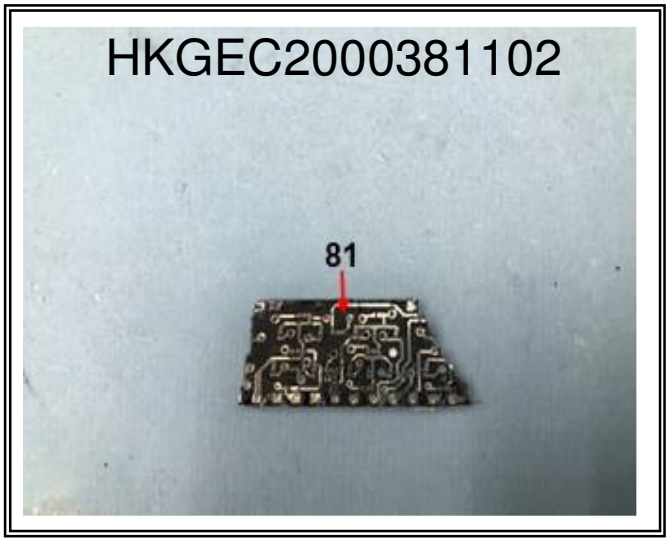



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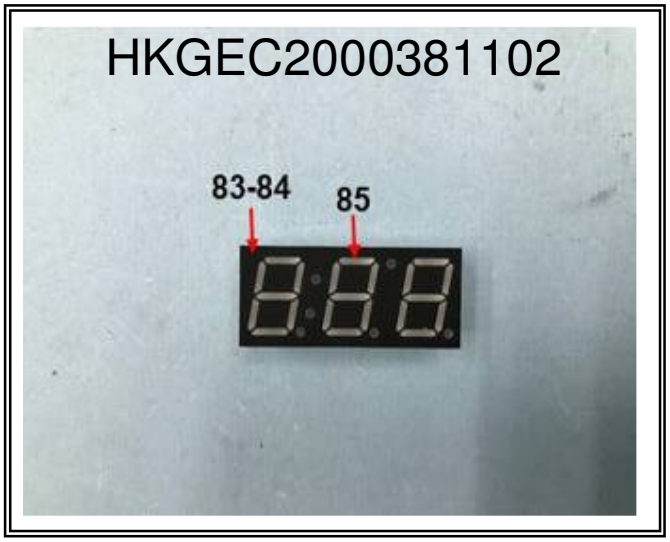


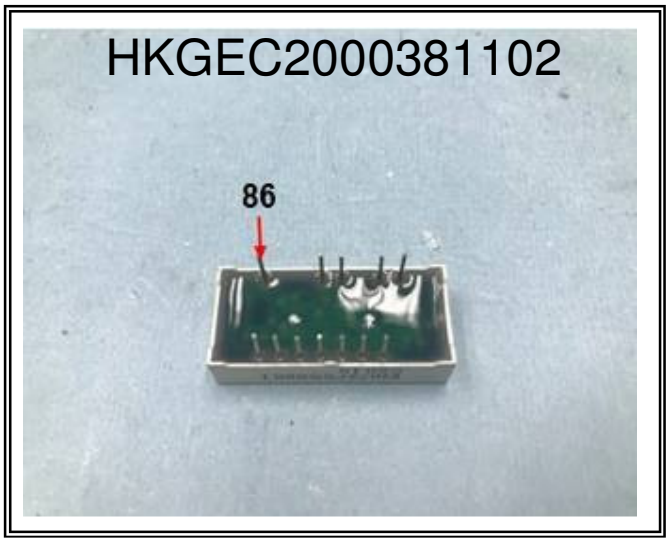


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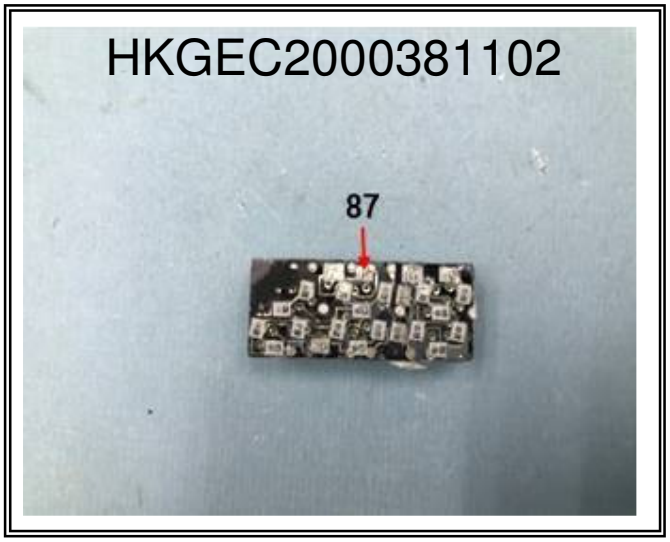


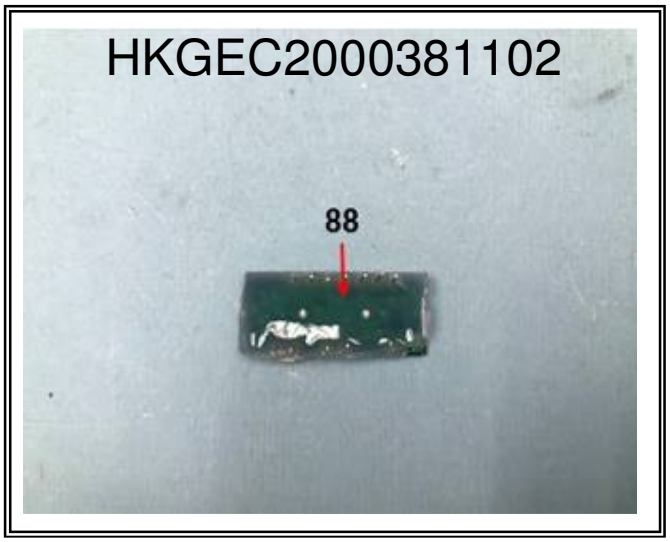


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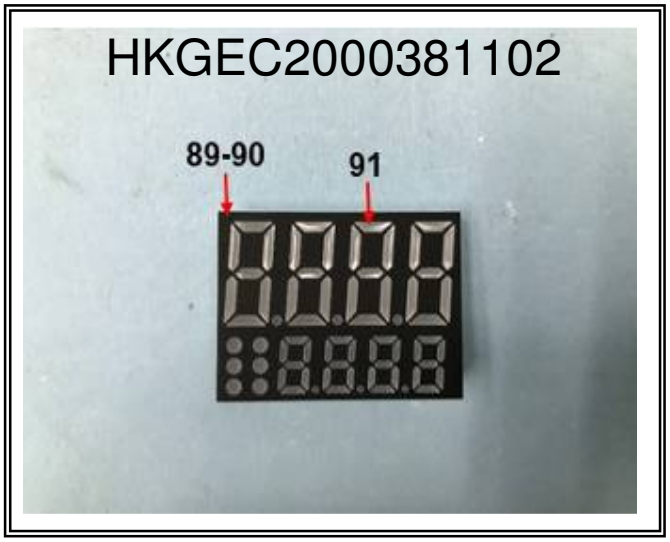


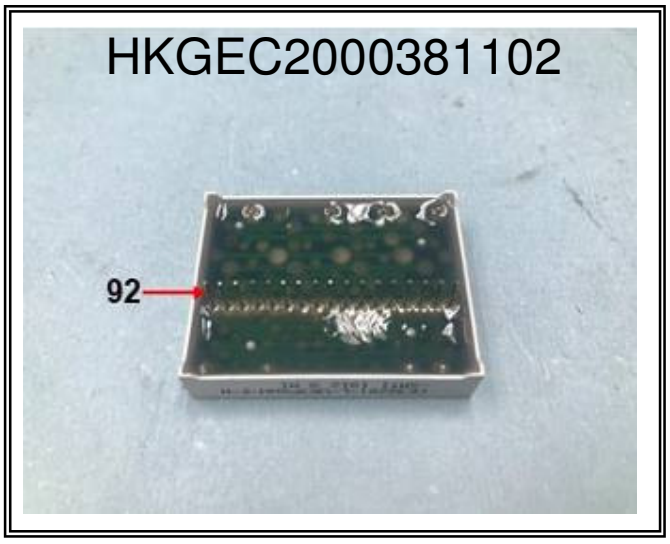


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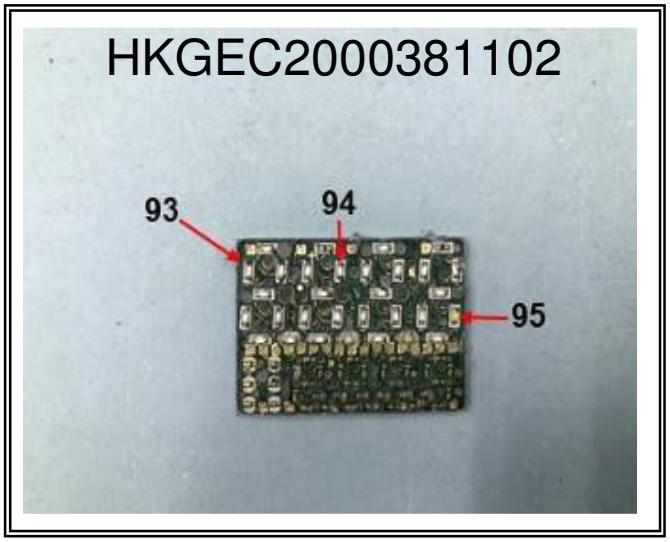


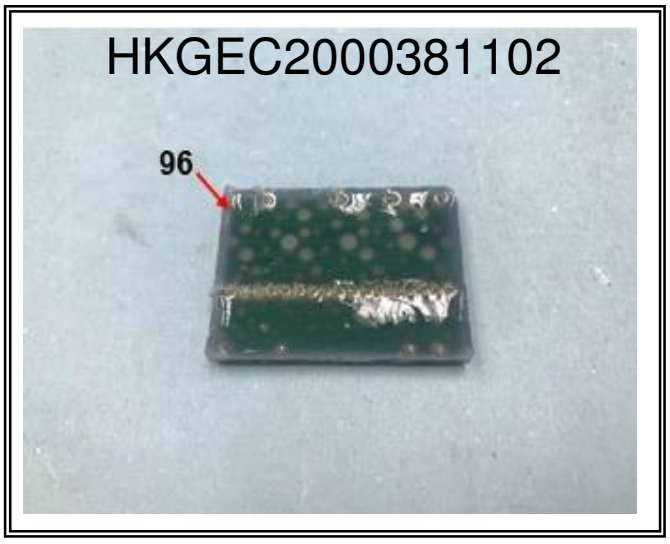


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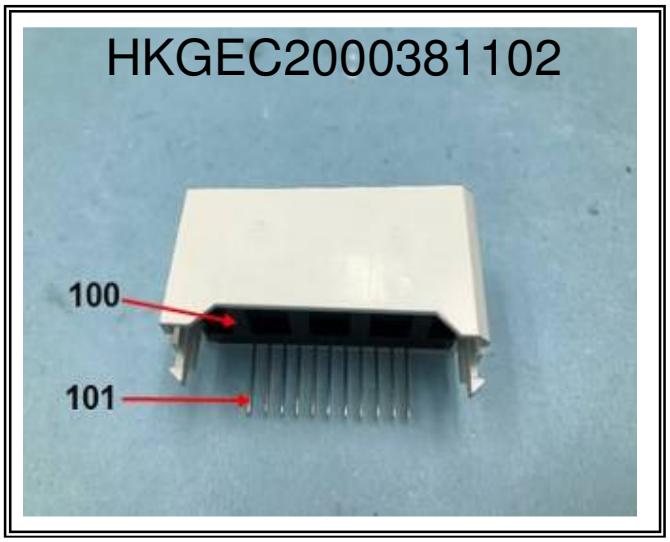


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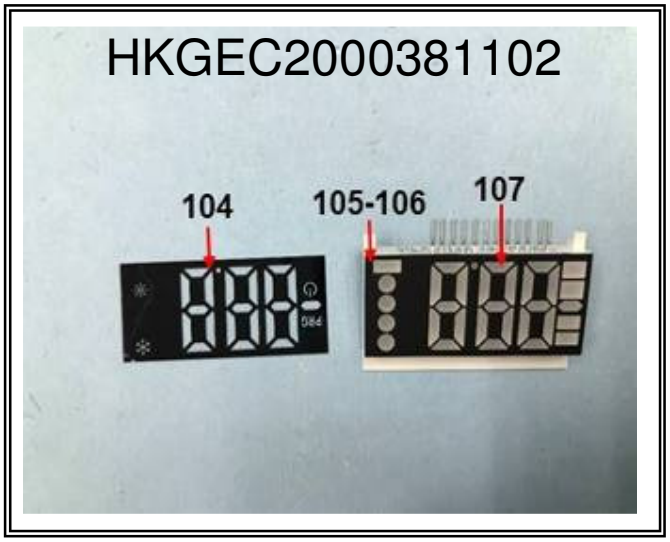


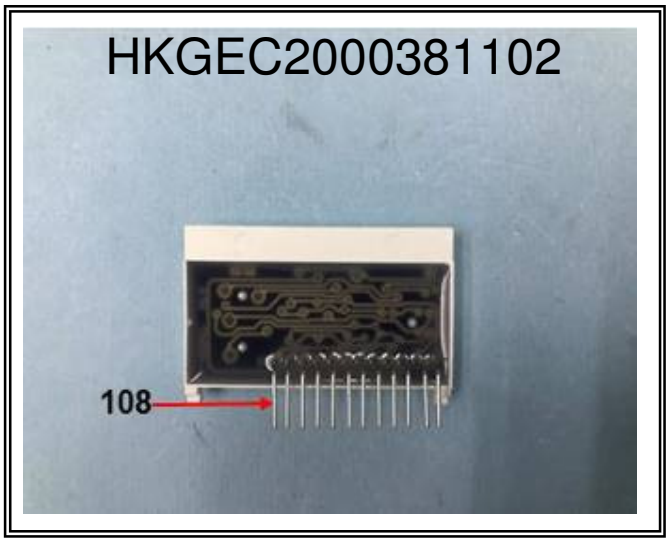


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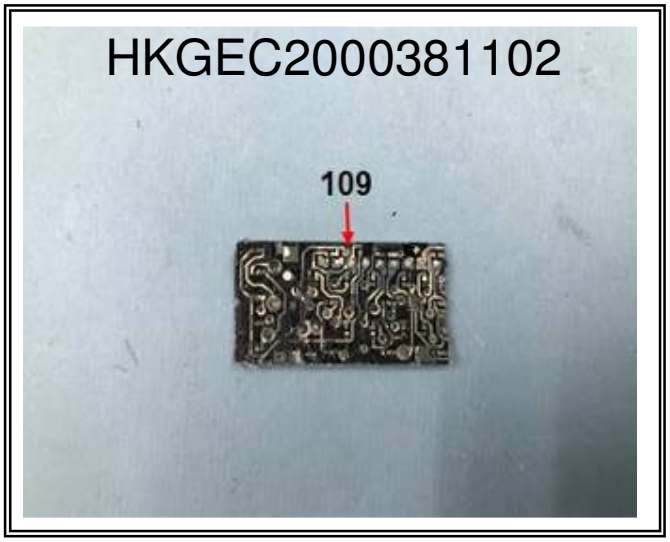


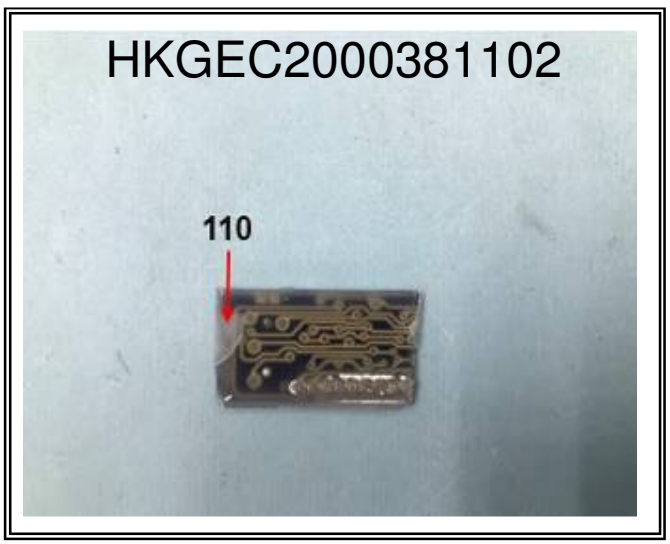


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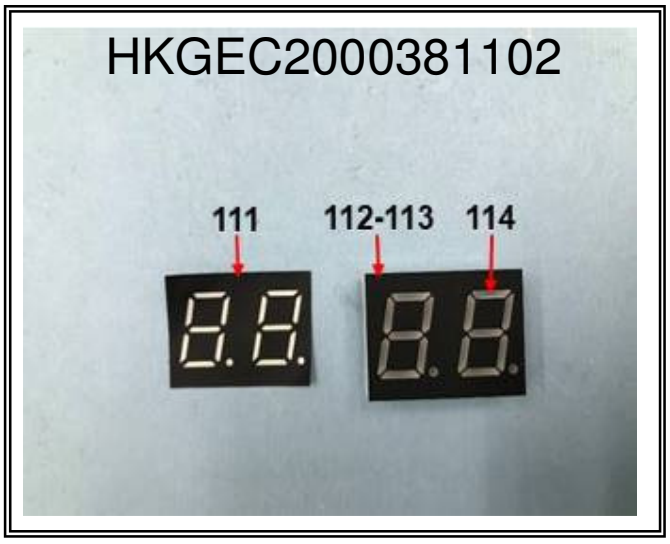


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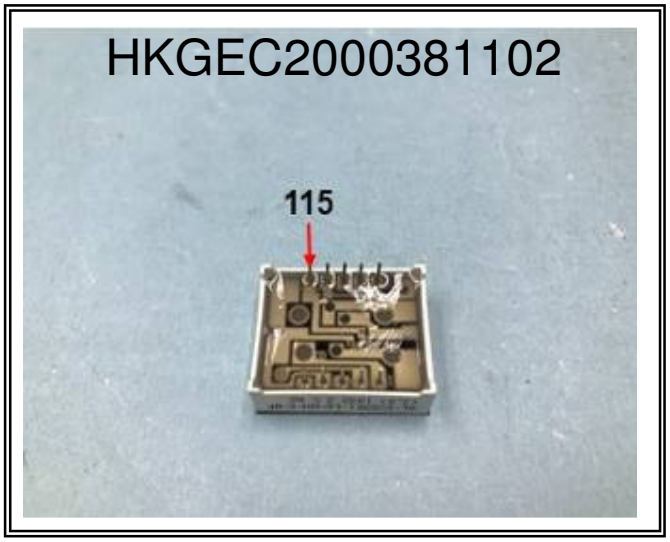


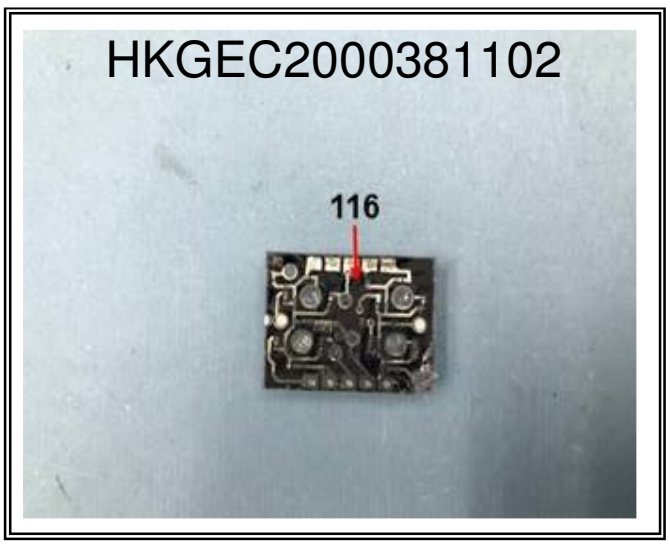


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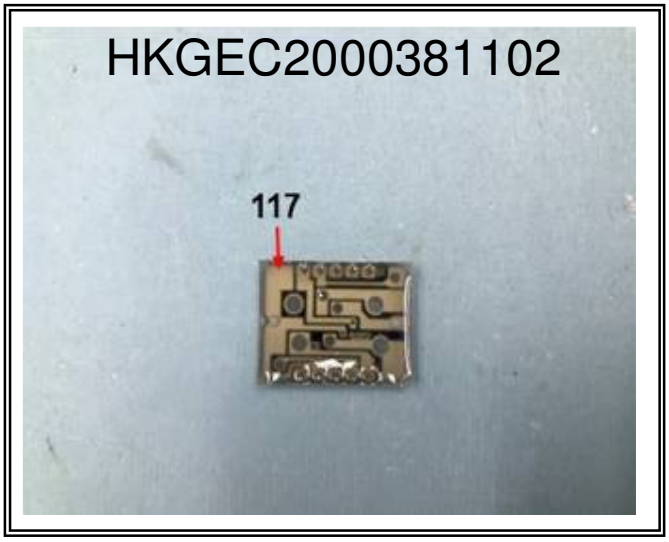


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