



# Test Report

Report No. A2250237291101001

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**Company Name** MSEMITEK CO., LTD

**shown on Report**

**Address** 16TH FLOOR, BUILDING D, CENTRAL AVENUE, BAOYUAN ROAD, XIXIANG STREET, BAOAN DISTRICT, SHENZHEN

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant**

|                      |                                |
|----------------------|--------------------------------|
| Sample Name          | 晶圆                             |
| Model No.            | 背锡                             |
| Sample Received Date | Apr. 12, 2025                  |
| Testing Period       | Apr. 12, 2025 to Apr. 16, 2025 |

**Test Conducted:**

As requested by the applicant. For details refer to next page(s)



Approved by

*Hill Zheng*

Date

Apr. 16, 2025

Hill Zheng  
Technical Manager

No. R338859661

Centre Testing International Group Co., Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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**Executive Summary:**

**TEST REQUEST**

EN 71-3:2019+A2:2024 European Standard on Safety of Toys

- Migration of certain elements (Only test Antimony (Sb), Arsenic (As), Barium (Ba), Cadmium (Cd), Lead (Pb), Mercury (Hg), Selenium (Se))

**CONCLUSION**

**PASS**

\*\*\*\*\* For further details, please refer to the following page(s) \*\*\*\*\*



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**EN 71-3:2019+A2:2024 European Standard on Safety of Toys****▼ Migration of certain elements (Only test Antimony (Sb), Arsenic (As), Barium (Ba), Cadmium (Cd), Lead (Pb), Mercury (Hg), Selenium (Se))**

Method(s) EN 71-3:2019+A2:2024 was/were used, and the item(s) was/were analyzed by ICP-OES, ICP-MS, IC-UV and/or GC-MS.

**Category III: scraped-off toy material**

| Tested Item(s) | Result (mg/kg) | MDL<br>(mg/kg) | Limit<br>(mg/kg) |
|----------------|----------------|----------------|------------------|
|                | 001            |                |                  |
| Antimony (Sb)  | N.D.           | 5              | 560              |
| Arsenic (As)   | N.D.           | 5              | 47               |
| Barium (Ba)    | N.D.           | 50             | 18750            |
| Cadmium (Cd)   | N.D.           | 1              | 17               |
| Lead (Pb)      | N.D.           | 1              | 23               |
| Mercury (Hg)   | N.D.           | 5              | 94               |
| Selenium (Se)  | N.D.           | 5              | 460              |

**Remark:**

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The sample(s) was tested as a whole, because it's impossible to disassemble or separate it by current equipment and technology. The result(s) shown on this report may be different from the content of any homogeneous material.

**Sample/Part Description**

| No. | CTI Sample ID | Description              |
|-----|---------------|--------------------------|
| 1   | 001           | Wafer(Tested as a whole) |

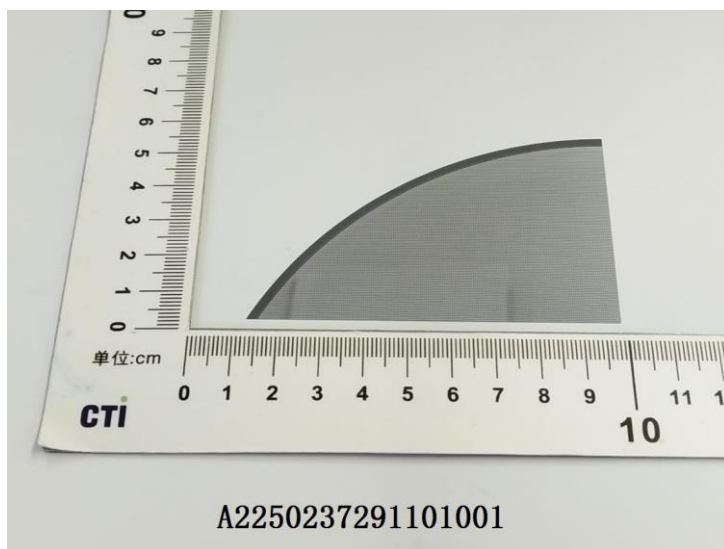


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## Photo(s) of the sample(s)



### Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( $w=0$ ) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

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

华测检测有限公司