

Test Report

No.: CZXHL25000920701

Date: May 14, 2025

Page 1 of 8

Client Name: HANGZHOU HUADING IMPORT AND EXPORT CO.,LTD.

Client Address: UNIT D,WORLD TRADE CENTRE, NO.122 SHUGUANG ROAD ,HANGZHOU CITY , ZHEJIANG PROVINCE,P.R.CHINA

Sample Description: PRINTED CIRCUIT BOARDS

Style No.: TV STREAMER 1.0 D00341690_[FABRICATION]_1.1A

Item No.: DADTCODE 1725

P.O. No.: 4500709610

Supplier: HANGZHOU HUADING

Client Ref. Information: CONTRACT NUMBER: HDC25036605

The above sample(s) and information were provided by the client.

SGS No.: CZHL2505004487SD

Sample Receiving Date: May 08, 2025

Testing Period: May 08, 2025 ~ May 14, 2025

Test Requested: Select test(s) as requested by the client.

Testing Performed: Follow selected test(s) as requested by client.

| | Test Requirement | Conclusion |
|---|---|------------|
| 1 | EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) | Pass |

Signed for and behalf of
SGS-CSTC Standards Technical Services (Changzhou) Co., Ltd
Test address: 6F, Building 30, Heimudan Science Park, Tianning District,
Changzhou, Jiangsu, China

Joy Huan

Joy Huan
Approved Signatory

Scan to see the report



CZXHL25000920701

Verification:

check.sgsone.com.cn



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN_Doccheck@sgs.com

Building 30 and Building 18, Heimudan Science Park, Tianning District, Changzhou, Jiangsu, China 213017 t E&E (86-519) 85586531 t HL (86-519) 85587753 www.sgsgroup.com.cn
中国·江苏·常州市天宁区黑牡丹科技园30幢、18幢 邮编: 213017 t SL (86-519) 85358321 t CCL (86-519) 85586573 sgs.china@sgs.com

Test Report

No.: CZXHL25000920701

Date: May 14, 2025

Page 2 of 8

Test Result(s):

Test Part Description:

| SN ID | Sample No. | SGS Sample ID | Description |
|-------|------------|-------------------------|-------------|
| SN1 | A1 | CZX25-0009207-0001.C001 | White PCB |

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-“ = Not Regulated

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

| Test Item(s) | Limit | Unit(s) | MDL | A1 |
|---|-------|---------|-----|----|
| Lead (Pb) | 1000 | mg/kg | 2 | ND |
| Mercury (Hg) | 1000 | mg/kg | 2 | ND |
| Cadmium (Cd) | 100 | mg/kg | 2 | ND |
| Hexavalent Chromium (Cr(VI)) | 1000 | mg/kg | 8 | ND |
| Polybromobiphenyl (PBB) | 1000 | mg/kg | - | ND |
| Monobrominated biphenyl (MonobBB) | - | mg/kg | 5 | ND |
| Dibrominated biphenyl (DiBB) | - | mg/kg | 5 | ND |
| Tribrominated biphenyl (TriBB) | - | mg/kg | 5 | ND |
| Tetrabrominated biphenyl (TetraBB) | - | mg/kg | 5 | ND |
| Pentabrominated biphenyl (PentaBB) | - | mg/kg | 5 | ND |
| Hexabrominated biphenyl (HexaBB) | - | mg/kg | 5 | ND |
| Heptabrominated biphenyl (HeptaBB) | - | mg/kg | 5 | ND |
| Octabrominated biphenyl (OctaBB) | - | mg/kg | 5 | ND |
| Nonabrominated biphenyl (NonaBB) | - | mg/kg | 5 | ND |
| Decabrominated biphenyl (DecaBB) | - | mg/kg | 5 | ND |
| Polybromodiphenyl ether(PBDE) | 1000 | mg/kg | - | ND |
| Monobrominated diphenyl ether (MonoBDE) | - | mg/kg | 5 | ND |
| Dibrominated diphenyl ether (DiBDE) | - | mg/kg | 5 | ND |
| Tribrominated diphenyl ether (TriBDE) | - | mg/kg | 5 | ND |
| Tetrabrominated diphenyl ether (TetraBDE) | - | mg/kg | 5 | ND |
| Pentabrominated diphenyl ether (PentaBDE) | - | mg/kg | 5 | ND |
| Hexabrominated diphenyl ether (HexaBDE) | - | mg/kg | 5 | ND |
| Heptabrominated diphenyl ether (HeptaBDE) | - | mg/kg | 5 | ND |



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs.com

SGS-CSTC Inspection & Testing Services (Changzhou) Co., Ltd.
Central Chemicals Testing Services (Changzhou) Co., Ltd.

Building 30 and Building 18, Heimudan Science Park, Tianning District, Changzhou, Jiangsu, China 213017 t E&E (86-519) 85586531 t HL (86-519) 85587753 www.sgsgroup.com.cn
中国·江苏·常州市天宁区黑牡丹科技园30幢、18幢 邮编: 213017 t SL (86-519) 85358321 t CCL (86-519) 85586573 sgs.china@sgs.com

Test Report

No.: CZXHL25000920701

Date: May 14, 2025

Page 3 of 8

| Test Item(s) | Limit | Unit(s) | MDL | A1 |
|---|-------|---------|-----|----|
| Octabrominated diphenyl ether (OctaBDE) | - | mg/kg | 5 | ND |
| Nonabrominated diphenyl ether (NonaBDE) | - | mg/kg | 5 | ND |
| Decabrominated diphenyl ether (DecaBDE) | - | mg/kg | 5 | ND |
| Bis(2-ethylhexyl) phthalate (DEHP) | 1000 | mg/kg | 50 | ND |
| Butyl benzyl phthalate (BBP) | 1000 | mg/kg | 50 | ND |
| Dibutyl phthalate (DBP) | 1000 | mg/kg | 50 | ND |
| Diisobutyl phthalate (DIBP) | 1000 | mg/kg | 50 | ND |

Notes:

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series.
- (3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-519) 85586531, or email: CN_Doccheck@sgs.com

SGS-CSTC Inspection & Testing Services (Changzhou) Co., Ltd.
Central Chemicals Testing Services (Changzhou) Co., Ltd.

Building 30 and Building 18, Heimudan Science Park, Tianning District, Changzhou, Jiangsu, China 213017 t E&E (86-519) 85586531 t HL (86-519) 85587753 www.sgsgroup.com.cn
中国·江苏·常州市天宁区黑牡丹科技园30幢、18幢 邮编: 213017 t SL (86-519) 85358321 t CCL (86-519) 85586573 sgs.china@sgs.com

Test Report

No.: CZXHL25000920701

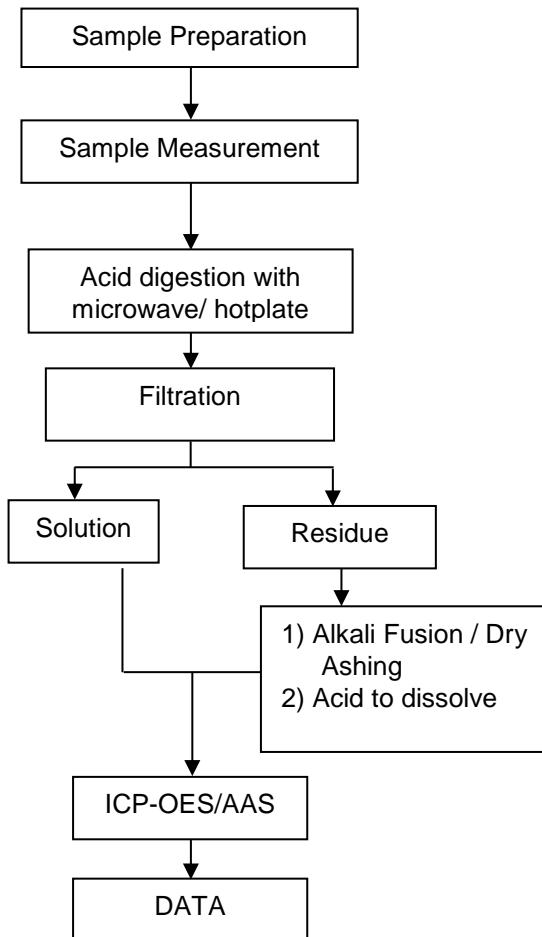
Date: May 14, 2025

Page 4 of 8

ATTACHMENTS

Elements Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-519) 8307 1443, or email: CN_Doccheck@sgs.com



Building 30 and Building 18, Heimudan Science Park, Tianning District, Changzhou, Jiangsu, China 213017 t E&E (86-519) 85586531 t HL (86-519) 85587753 www.sgsgroup.com.cn
中国·江苏·常州市天宁区黑牡丹科技园30幢、18幢 邮编: 213017 t SL (86-519) 85358321 t CCL (86-519) 85586573 sgs.china@sgs.com

Test Report

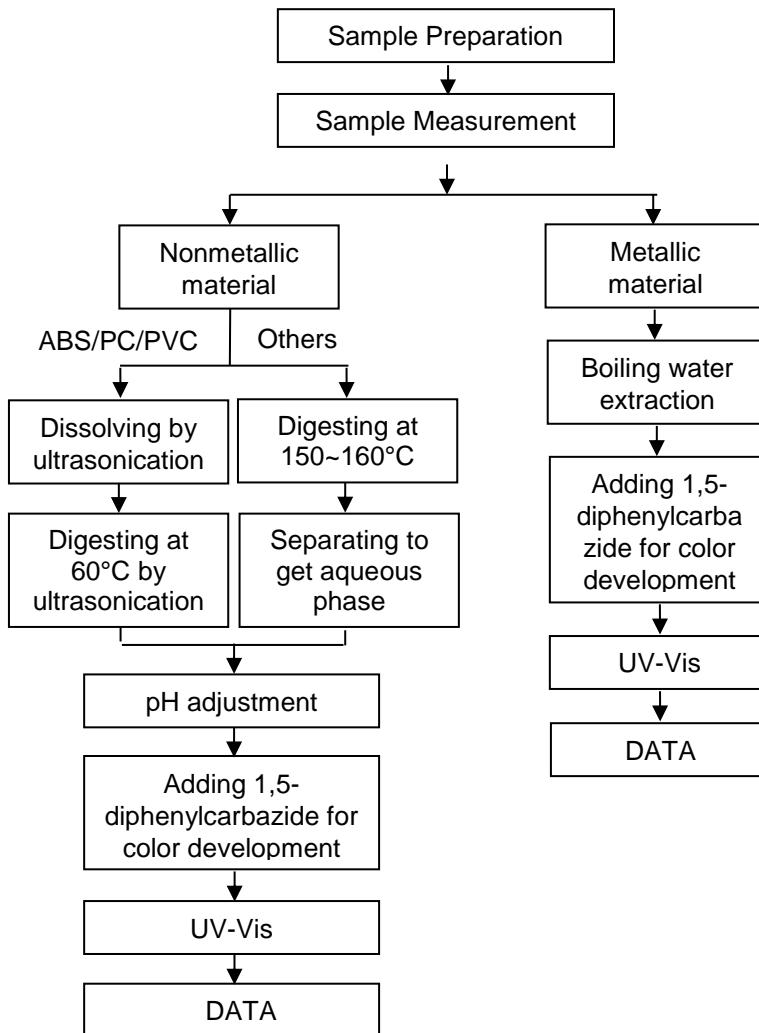
No.: CZXHL25000920701

Date: May 14, 2025

Page 5 of 8

ATTACHMENTS

Hexavalent Chromium (Cr(VI)) Testing Flow Chart



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs.com

SGS-CSTC Inspection & Testing Services (Changzhou) Co., Ltd.
Central Chemicals Testing Services (Changzhou) Co., Ltd.

Building 30 and Building 18, Heimudan Science Park, Tianning District, Changzhou, Jiangsu, China 213017 t E&E (86-519) 85586531 t HL (86-519) 85587753 www.sgsgroup.com.cn
中国·江苏·常州市天宁区黑牡丹科技园30幢、18幢 邮编: 213017 t SL (86-519) 85358321 t CCL (86-519) 85586573 sgs.china@sgs.com

Test Report

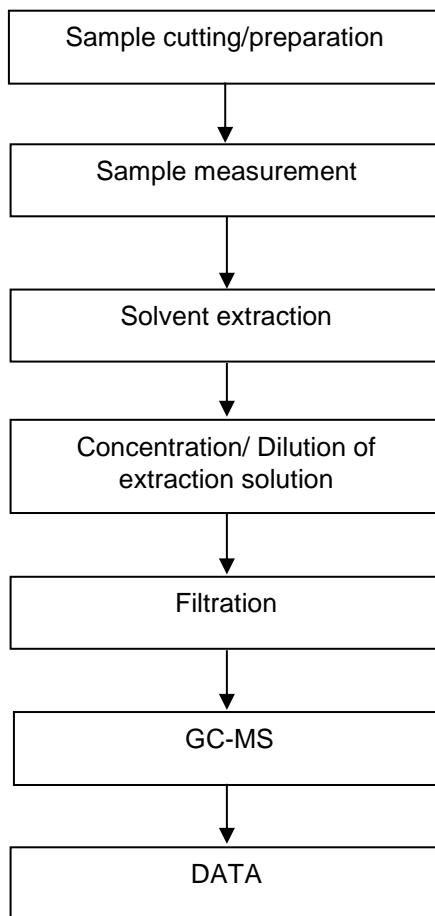
No.: CZXHL25000920701

Date: May 14, 2025

Page 6 of 8

ATTACHMENTS

PBB/PBDE Testing Flow Chart



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs.com



Building 30 and Building 18, Heimudan Science Park, Tianning District, Changzhou, Jiangsu, China 213017 t E&E (86-519) 85586531 t HL (86-519) 85587753 www.sgsgroup.com.cn
中国·江苏·常州市天宁区黑牡丹科技园30幢、18幢 邮编: 213017 t SL (86-519) 85358321 t CCL (86-519) 85586573 sgs.china@sgs.com

Test Report

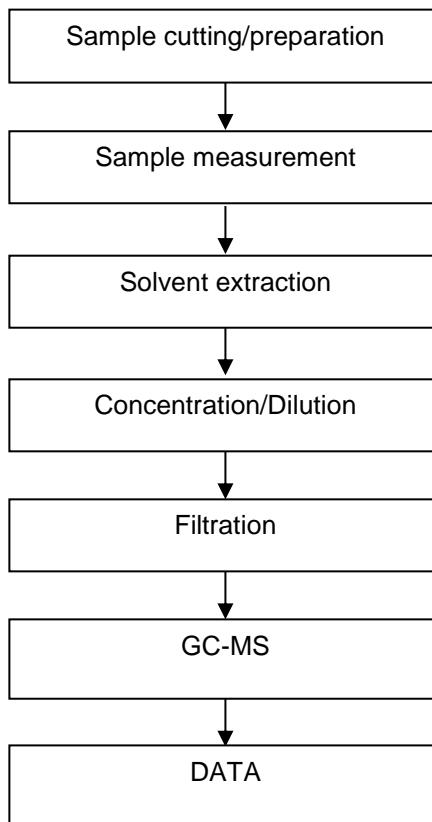
No.: CZXHL25000920701

Date: May 14, 2025

Page 7 of 8

ATTACHMENTS

Phthalates Testing Flow Chart



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-519) 8307 1443, or email: CN_Doccheck@sgs.com

Building 30 and Building 18, Heimudan Science Park, Tianning District, Changzhou, Jiangsu, China 213017 t E&E (86-519) 85586531 t HL (86-519) 85587753 www.sgsgroup.com.cn
中国·江苏·常州市天宁区黑牡丹科技园30幢、18幢 邮编: 213017 t SL (86-519) 85358321 t CCL (86-519) 85586573 sgs.china@sgs.com

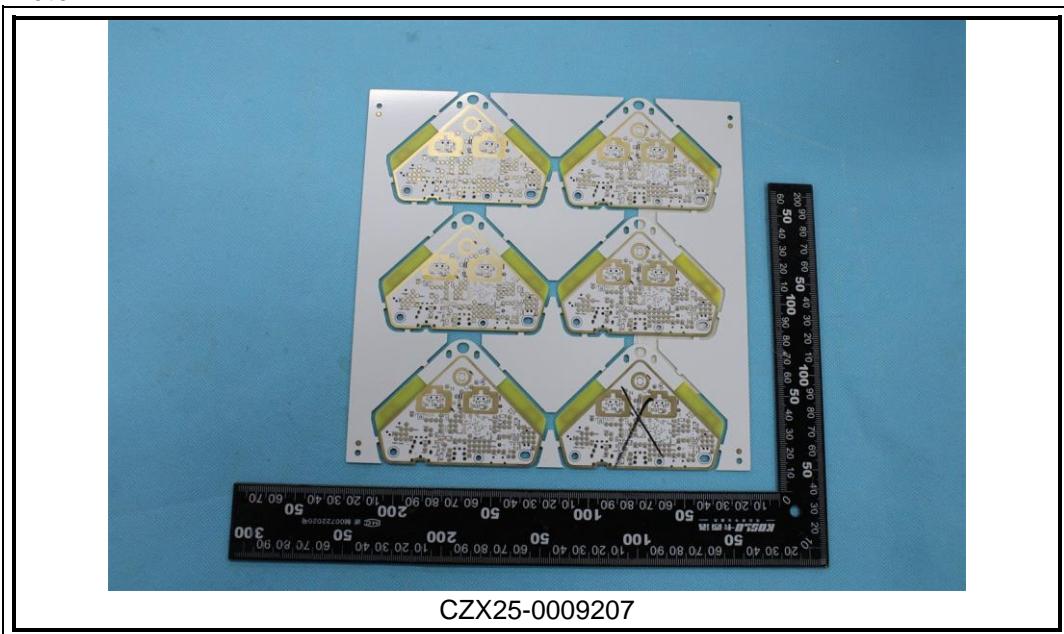
Test Report

No.: CZXHL25000920701

Date: May 14, 2025

Page 8 of 8

Sample Photo:



CZX25-0009207

SGS authenticate the photo on original report only
*** End of Report ***



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-519) 8307 1443, or email: CN_Doccheck@sgs.com

SGS-CSTC Inspection & Testing Services (Changzhou) Co., Ltd.
Central Chemical Testing Services (Changzhou) Co., Ltd.

Building 30 and Building 18, Heimudan Science Park, Tianning District, Changzhou, Jiangsu, China 213017 t E&E (86-519) 85586531 t HL (86-519) 85587753 www.sgsgroup.com.cn
中国·江苏·常州市天宁区黑牡丹科技园30幢、18幢 邮编: 213017 t SL (86-519) 85358321 t CCL (86-519) 85586573 sgs.china@sgs.com