

## Test Report

No. CANEC2105568808

Date: 19 Apr 2021

Page 1 of 6

SHENZHEN HOPE MICROELECTRONICS CO.,LTD

30TH FLOOR OF 8TH BUILDING, C ZONE, VANKE CLOUD CITY, XILI TOWN,NANSHAN DISTRICT,SHENZHEN,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : Bluetooth Module

SGS Job No. : CP21-016828 - SZ

Model No. : HM-BT4502.

Client Ref. Info. : HM-BT4501、HM-BT800、HM-BT8810、HM-BT2201、  
HM-BT2202、HM-BT2204、HM-BT4502A、HM-BT4502B、  
HM-BT4502BR、HM-BT4502R、HM-BT800B、HM-BT2201L、  
HM-BT2202L、HM-BT2204L、BT8016A

Date of Sample Received : 09 Apr 2021

Testing Period : 09 Apr 2021 - 14 Apr 2021

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

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

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

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Sasa zhi

Sasa Zhi  
Approved Signatory

scan to see the report



CANEC2105568808



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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](mailto:CN.Doccheck@sgs.com)

SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch, Technical Services Co., Ltd. Guangzhou Branch

198 Kezhu Road, Sciencetech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663  
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgs.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

Test Results :

Test Part Description :

| Specimen No. | SGS Sample ID    | Description               |
|--------------|------------------|---------------------------|
| SN1          | CAN21-055688.008 | "Bluetooth Module"(mixed) |

Remarks :

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

### Elemental analysis, Hexavalent Chromium(Cr(VI)), Flame Retardants, Phthalates

Test Method : With reference to IEC 62321-4:2013+A1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 , IEC 62321-6:2015 and IEC 62321-8:2017, analyzed by ICP-OES , UV-Vis and GC-MS .

| <u>Test Item(s)</u>        | <u>Unit</u> | <u>MDL</u> | <u>008</u> |
|----------------------------|-------------|------------|------------|
| Cadmium (Cd)               | mg/kg       | 2          | ND         |
| Lead (Pb)                  | mg/kg       | 2          | ND         |
| Mercury (Hg)               | mg/kg       | 2          | ND         |
| Hexavalent Chromium (CrVI) | mg/kg       | 8          | ND         |
| Sum of PBBs                | mg/kg       | -          | ND         |
| Monobromobiphenyl          | mg/kg       | 5          | ND         |
| Dibromobiphenyl            | mg/kg       | 5          | ND         |
| Tribromobiphenyl           | mg/kg       | 5          | ND         |
| Tetrabromobiphenyl         | mg/kg       | 5          | ND         |
| Pentabromobiphenyl         | mg/kg       | 5          | ND         |
| Hexabromobiphenyl          | mg/kg       | 5          | ND         |
| Heptabromobiphenyl         | mg/kg       | 5          | ND         |
| Octabromobiphenyl          | mg/kg       | 5          | ND         |
| Nonabromobiphenyl          | mg/kg       | 5          | ND         |
| Decabromobiphenyl          | mg/kg       | 5          | ND         |
| Sum of PBDEs               | mg/kg       | -          | ND         |
| Monobromodiphenyl ether    | mg/kg       | 5          | ND         |
| Dibromodiphenyl ether      | mg/kg       | 5          | ND         |
| Tribromodiphenyl ether     | mg/kg       | 5          | ND         |
| Tetrabromodiphenyl ether   | mg/kg       | 5          | ND         |
| Pentabromodiphenyl ether   | 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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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](mailto:CN.Doccheck@sgs.com)

## Test Report

No. CANEC2105568808

Date: 19 Apr 2021

Page 3 of 6

| <u>Test Item(s)</u>                 | <u>Unit</u> | <u>MDL</u> | <u>008</u> |
|-------------------------------------|-------------|------------|------------|
| Hexabromodiphenyl ether             | mg/kg       | 5          | ND         |
| Heptabromodiphenyl ether            | mg/kg       | 5          | ND         |
| Octabromodiphenyl ether             | mg/kg       | 5          | ND         |
| Nonabromodiphenyl ether             | mg/kg       | 5          | ND         |
| Decabromodiphenyl ether             | mg/kg       | 5          | ND         |
| Dibutyl phthalate (DBP)             | mg/kg       | 50         | ND         |
| Butyl benzyl phthalate (BBP)        | mg/kg       | 50         | ND         |
| Bis (2-ethylhexyl) phthalate (DEHP) | mg/kg       | 50         | ND         |
| Diisobutyl Phthalates (DIBP)        | mg/kg       | 50         | ND         |

Remark: The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.



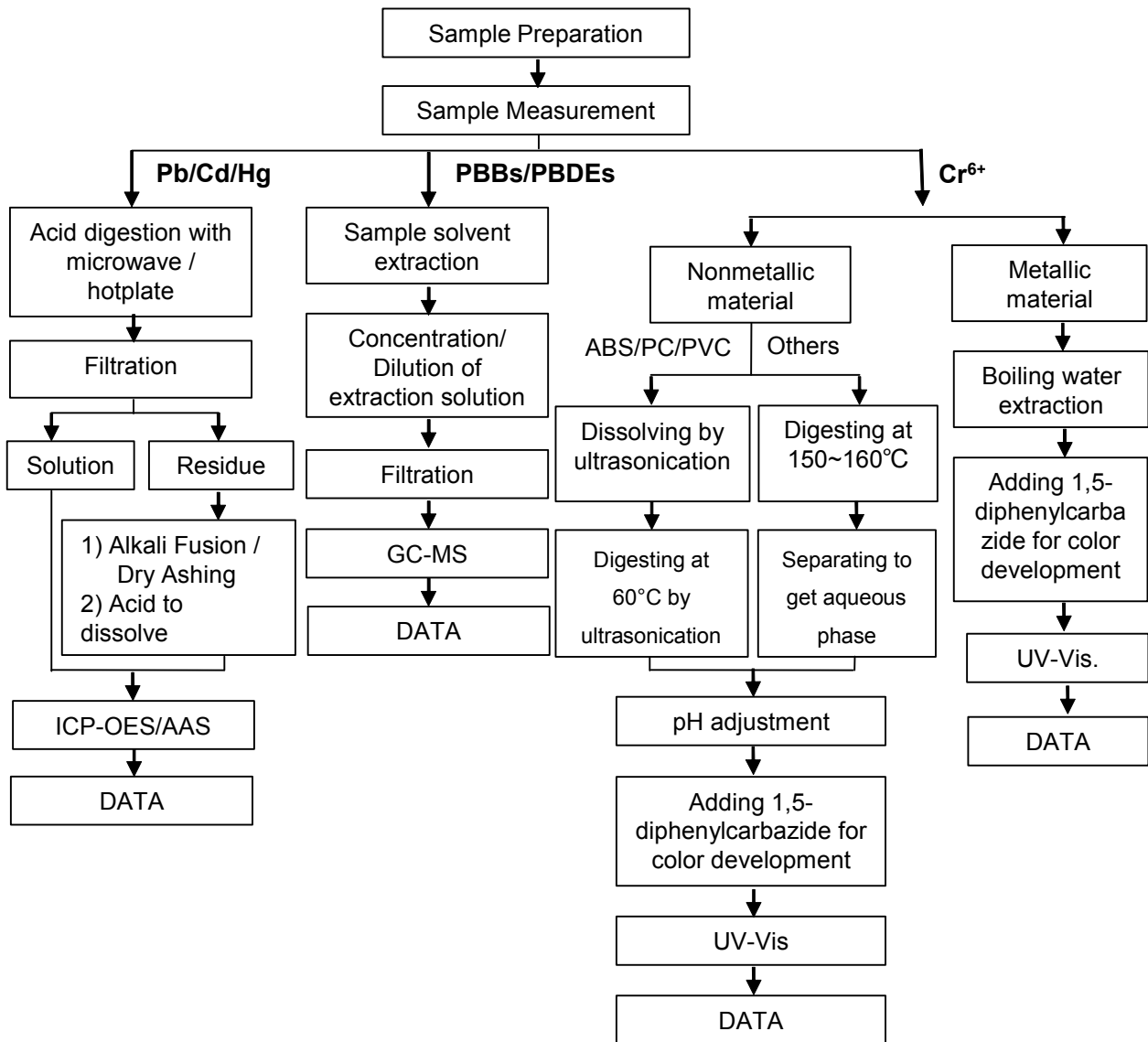
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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](mailto:CN.Doccheck@sgs.com)

ATTACHMENTS

**Pb/Cd/Hg/Cr<sup>6+</sup>/PBBs/PBDEs Testing Flow Chart**

1) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr<sup>6+</sup> and PBBs/PBDEs test method excluded).

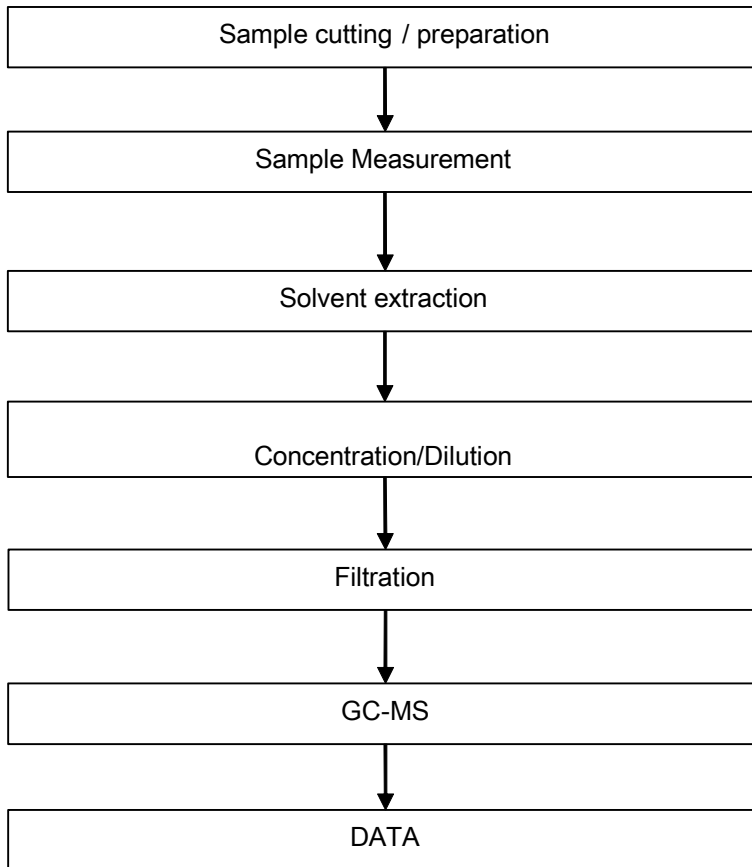


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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](mailto:CN.Doccheck@sgs.com)  
 198 Kezhu Road, Sciencetech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 www.sgs.com  
 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

ATTACHMENTS

Phthalates Testing Flow Chart

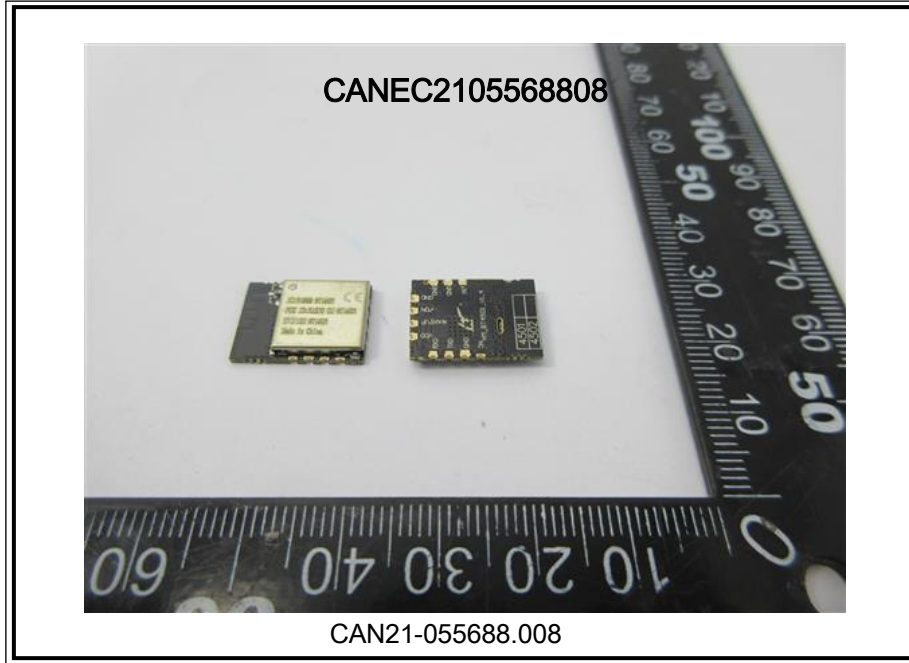


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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](mailto:CN.Doccheck@sgs.com)



Sample photo:



SGS authenticate the photo on original report only

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

