

Test Report

No. CANEC2110635101

Date: 28 Jul 2021

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HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
8500 BALBOA BLVD, NORTHRIDGE, CA 91329, UNITED STATES

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

SGS Job No. : CP21-031141 - SZ
Model No. : GO ESSENTIAL
Brand : JBL
Manufacturer : ANAM ELECTRONICS VIETNAM CO., LTD
Manufacturer Address : Dong Van IV Industrial Park, Dai Cuong Commune, Kim Bang Dist, Ha Nam Province, Vietnam
Date of Sample Received : 15 Jun 2021
Testing Period : 15 Jun 2021 - 28 Jun 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).
Conclusion : Overall assessment on the selected Entry of REACH ANNEX XVII known as Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles, the test results comply with the stated requirements of ANNEX XVII To REACH Regulation (EC) No 1907/2006.

Remark:

As requested by client, this test is performed according to the specified scope and evaluation of Conditions of Restriction as specified in REACH ANNEX XVII, this result is only applicable to selected material or component of substances, mixtures and articles as defined by European Chemicals Agency (ECHA) under REACH Regulation, excluding the other substances which is not mentioned in this report.



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

Allie Chen

Allie Chen
Approved Signatory

scan to see the report



CANEC2110635101



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Chemical Laboratory.

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Test Results :

Test Part Description :

| Specimen No. | SGS Sample ID | Description |
|--------------|------------------|-------------------------------|
| SN1 | CAN21-106351.001 | Black rubber cover |
| SN2 | CAN21-106351.002 | Black rubber shell |
| SN3 | CAN21-106351.003 | Orange plastic shell |
| SN4 | CAN21-106351.004 | Orange plastic (cable jacket) |
| SN5 | CAN21-106351.005 | Red rubber cover |
| SN6 | CAN21-106351.006 | Red rubber shell |
| SN7 | CAN21-106351.007 | Blue rubber cover |
| SN8 | CAN21-106351.008 | Blue rubber shell |

Remarks :

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

Total Tin Screening for Organotin in Entry 20 of REACH ANNEX XVII

Test Method : SGS In-house method (GZTC CHEM-TOP-041), analysis was performed by EDXRF.

| Test Item(s) | Limit | Unit | MDL | 001 | 002 | 003 |
|-------------------|-------|-------|-----|-------------|-------------|-------------|
| Tin (Sn) | - | mg/kg | - | <700 | <700 | <700 |
| Conclusion | | | | Pass | Pass | Pass |

| Test Item(s) | Limit | Unit | MDL | 004 | 005 | 006 |
|-------------------|-------|-------|-----|-------------|-------------|-------------|
| Tin (Sn) | - | mg/kg | - | <700 | <700 | <700 |
| Conclusion | | | | Pass | Pass | Pass |



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| <u>Test Item(s)</u> | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>007</u> | <u>008</u> |
|---------------------|--------------|-------------|------------|-------------|-------------|
| Tin (Sn) | - | mg/kg | - | <700 | <700 |
| Conclusion | | | | Pass | Pass |

Notes :

1. Confirmation test of organic tin is not required in case of Total Tin, after conversion, does not exceed the Organotin by weight of Tin requirement as specified in Entry 20 of Annex XVII.
2. If the Total Tin content is over 700 mg/kg, it is strongly recommended to perform further Organotin test to check the compliance with Entry 20 of REACH ANNEX XVII

Entry 50 of Regulation(EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method : With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

| <u>Test Item(s)</u> | <u>CAS NO.</u> | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>001</u> |
|-----------------------------|----------------|--------------|-------------|------------|-------------|
| Benzo(a)anthracene(BaA) | 56-55-3 | 1.0 | mg/kg | 0.1 | ND |
| Chrysene(CHR) | 218-01-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(b)fluoranthene(BbF) | 205-99-2 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(j)fluoranthene (BjF) | 205-82-3 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(k)fluoranthene(BkF) | 207-08-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(a)pyrene(BaP) | 50-32-8 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(e)pyrene(BeP) | 192-97-2 | 1.0 | mg/kg | 0.1 | ND |
| Dibenzo(a,h)anthracene(DBA) | 53-70-3 | 1.0 | mg/kg | 0.1 | ND |
| Comment | | | | | PASS |

| <u>Test Item(s)</u> | <u>CAS NO.</u> | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>002</u> |
|-----------------------------|----------------|--------------|-------------|------------|-------------|
| Benzo(a)anthracene(BaA) | 56-55-3 | 1.0 | mg/kg | 0.1 | ND |
| Chrysene(CHR) | 218-01-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(b)fluoranthene(BbF) | 205-99-2 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(j)fluoranthene (BjF) | 205-82-3 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(k)fluoranthene(BkF) | 207-08-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(a)pyrene(BaP) | 50-32-8 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(e)pyrene(BeP) | 192-97-2 | 1.0 | mg/kg | 0.1 | ND |
| Dibenzo(a,h)anthracene(DBA) | 53-70-3 | 1.0 | mg/kg | 0.1 | ND |
| Comment | | | | | PASS |



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| <u>Test Item(s)</u> | <u>CAS NO.</u> | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>003</u> |
|-----------------------------|----------------|--------------|-------------|------------|------------|
| Benzo(a)anthracene(BaA) | 56-55-3 | 1.0 | mg/kg | 0.1 | ND |
| Chrysene(CHR) | 218-01-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(b)fluoranthene(BbF) | 205-99-2 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(j)fluoranthene (BjF) | 205-82-3 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(k)fluoranthene(BkF) | 207-08-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(a)pyrene(BaP) | 50-32-8 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(e)pyrene(BeP) | 192-97-2 | 1.0 | mg/kg | 0.1 | ND |
| Dibenzo(a,h)anthracene(DBA) | 53-70-3 | 1.0 | mg/kg | 0.1 | ND |

Comment

PASS

| <u>Test Item(s)</u> | <u>CAS NO.</u> | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>004</u> |
|-----------------------------|----------------|--------------|-------------|------------|------------|
| Benzo(a)anthracene(BaA) | 56-55-3 | 1.0 | mg/kg | 0.1 | ND |
| Chrysene(CHR) | 218-01-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(b)fluoranthene(BbF) | 205-99-2 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(j)fluoranthene (BjF) | 205-82-3 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(k)fluoranthene(BkF) | 207-08-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(a)pyrene(BaP) | 50-32-8 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(e)pyrene(BeP) | 192-97-2 | 1.0 | mg/kg | 0.1 | ND |
| Dibenzo(a,h)anthracene(DBA) | 53-70-3 | 1.0 | mg/kg | 0.1 | ND |

Comment

PASS

| <u>Test Item(s)</u> | <u>CAS NO.</u> | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>005</u> |
|-----------------------------|----------------|--------------|-------------|------------|------------|
| Benzo(a)anthracene(BaA) | 56-55-3 | 1.0 | mg/kg | 0.1 | ND |
| Chrysene(CHR) | 218-01-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(b)fluoranthene(BbF) | 205-99-2 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(j)fluoranthene (BjF) | 205-82-3 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(k)fluoranthene(BkF) | 207-08-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(a)pyrene(BaP) | 50-32-8 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(e)pyrene(BeP) | 192-97-2 | 1.0 | mg/kg | 0.1 | ND |
| Dibenzo(a,h)anthracene(DBA) | 53-70-3 | 1.0 | mg/kg | 0.1 | ND |

Comment

PASS

| <u>Test Item(s)</u> | <u>CAS NO.</u> | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>006</u> |
|----------------------------|----------------|--------------|-------------|------------|------------|
| Benzo(a)anthracene(BaA) | 56-55-3 | 1.0 | mg/kg | 0.1 | ND |
| Chrysene(CHR) | 218-01-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(b)fluoranthene(BbF) | 205-99-2 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(j)fluoranthene (BjF) | 205-82-3 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(k)fluoranthene(BkF) | 207-08-9 | 1.0 | mg/kg | 0.1 | ND |



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| Test Item(s) | CAS NO. | Limit | Unit | MDL | 006 |
|-----------------------------|----------|-------|-------|-----|-------------|
| Benzo(a)pyrene(BaP) | 50-32-8 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(e)pyrene(BeP) | 192-97-2 | 1.0 | mg/kg | 0.1 | ND |
| Dibenzo(a,h)anthracene(DBA) | 53-70-3 | 1.0 | mg/kg | 0.1 | ND |
| Comment | | | | | PASS |

| Test Item(s) | CAS NO. | Limit | Unit | MDL | 007 |
|-----------------------------|----------|-------|-------|-----|-------------|
| Benzo(a)anthracene(BaA) | 56-55-3 | 1.0 | mg/kg | 0.1 | ND |
| Chrysene(CHR) | 218-01-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(b)fluoranthene(BbF) | 205-99-2 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(j)fluoranthene (BjF) | 205-82-3 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(k)fluoranthene(BkF) | 207-08-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(a)pyrene(BaP) | 50-32-8 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(e)pyrene(BeP) | 192-97-2 | 1.0 | mg/kg | 0.1 | ND |
| Dibenzo(a,h)anthracene(DBA) | 53-70-3 | 1.0 | mg/kg | 0.1 | ND |
| Comment | | | | | PASS |

| Test Item(s) | CAS NO. | Limit | Unit | MDL | 008 |
|-----------------------------|----------|-------|-------|-----|-------------|
| Benzo(a)anthracene(BaA) | 56-55-3 | 1.0 | mg/kg | 0.1 | ND |
| Chrysene(CHR) | 218-01-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(b)fluoranthene(BbF) | 205-99-2 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(j)fluoranthene (BjF) | 205-82-3 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(k)fluoranthene(BkF) | 207-08-9 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(a)pyrene(BaP) | 50-32-8 | 1.0 | mg/kg | 0.1 | ND |
| Benzo(e)pyrene(BeP) | 192-97-2 | 1.0 | mg/kg | 0.1 | ND |
| Dibenzo(a,h)anthracene(DBA) | 53-70-3 | 1.0 | mg/kg | 0.1 | ND |
| Comment | | | | | PASS |

Notes :

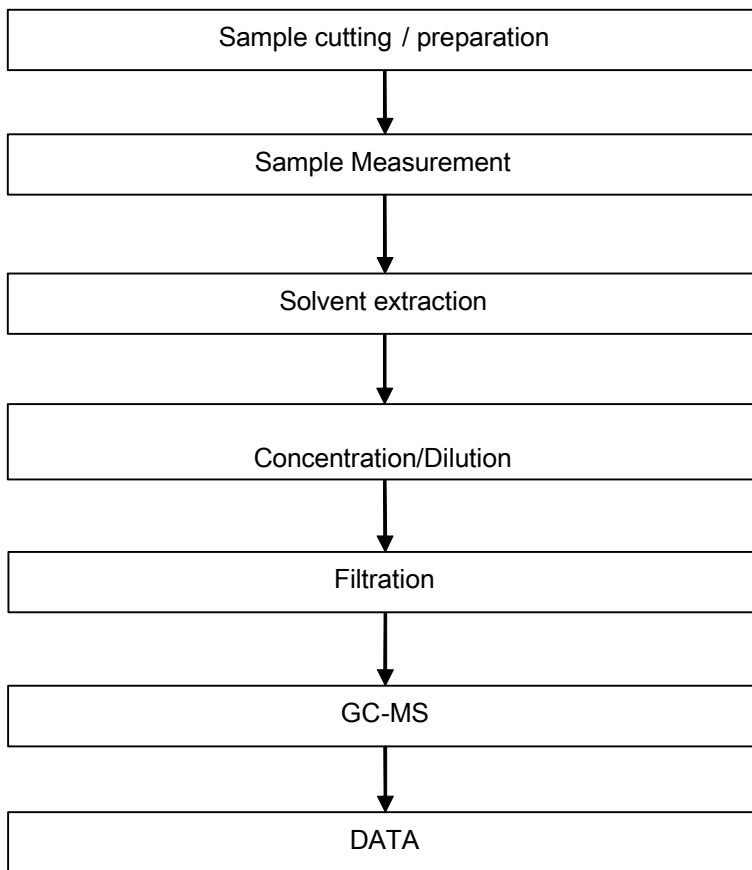
The limit is specified by Entry 50 of Regulation(EU) 2015/326 amending Annex XVII of REACH Regulation (EC) No 1907/2006.

| | | |
|-----------|-----------------|---------------------------|
| | General Product | Toys or Childcare Article |
| EU 8 PAHs | 1.0mg/kg (each) | 0.5mg/kg (each) |

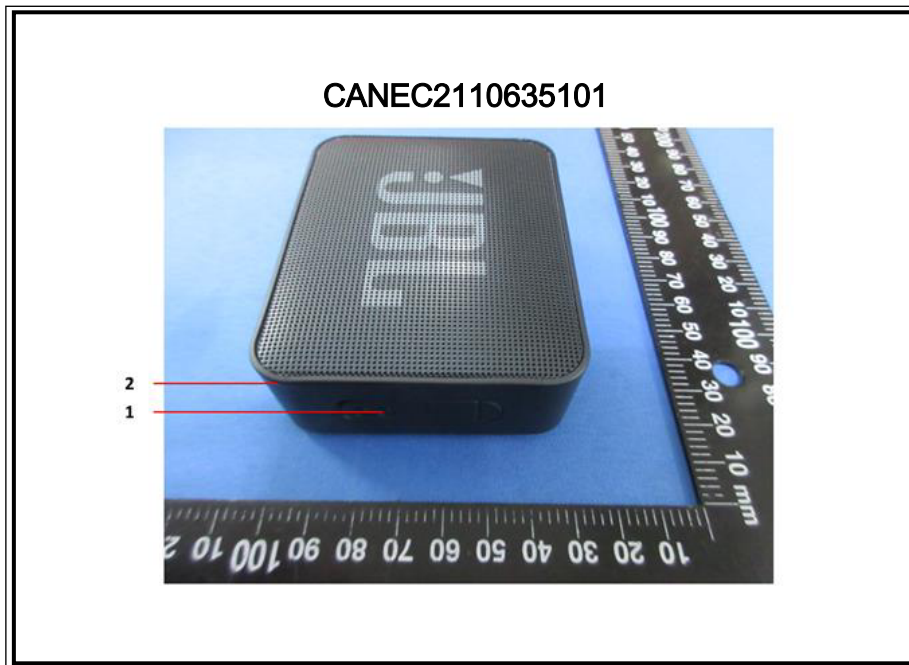


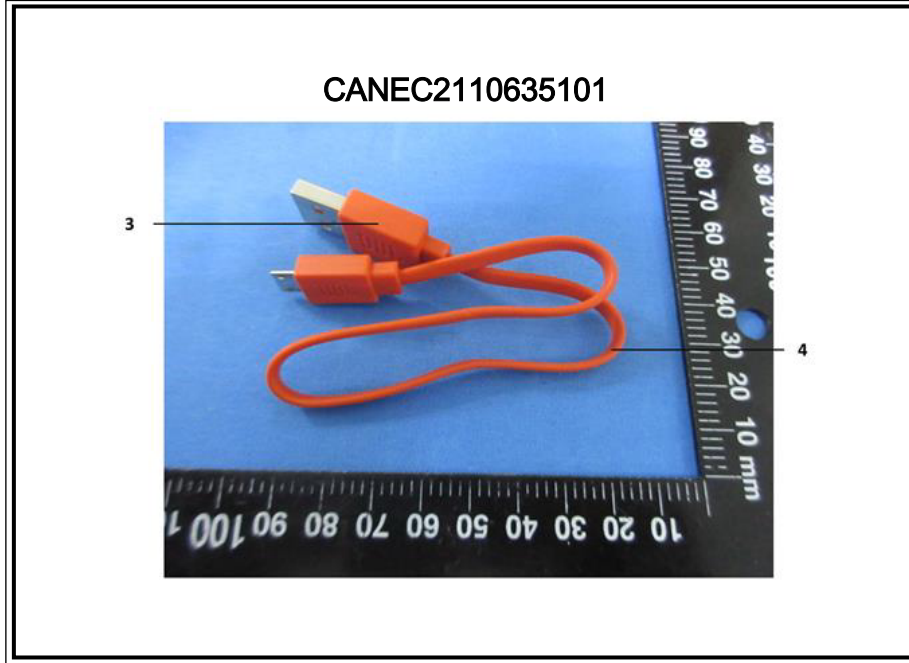
ATTACHMENTS

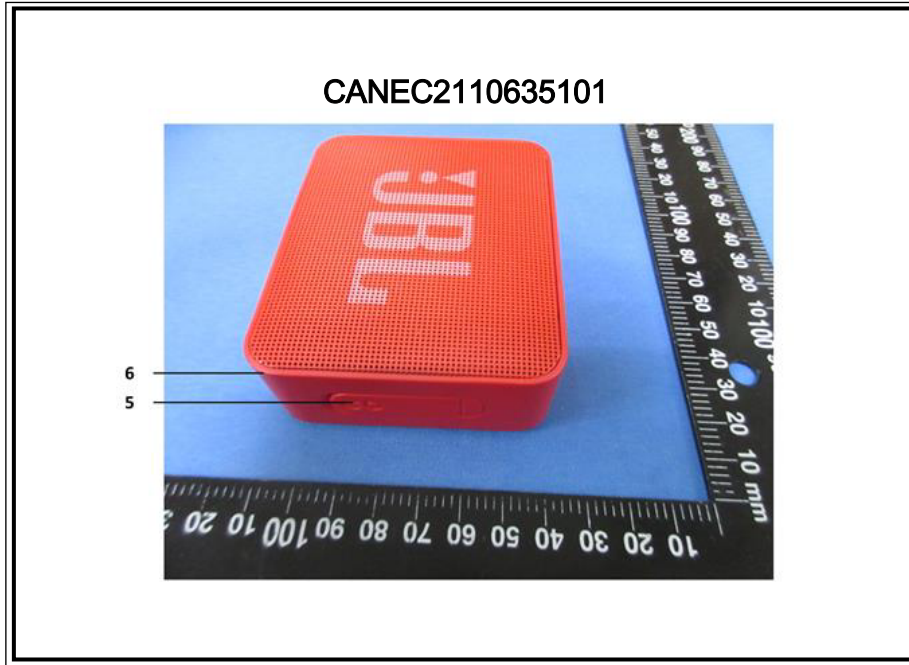
PAHs Testing Flow Chart

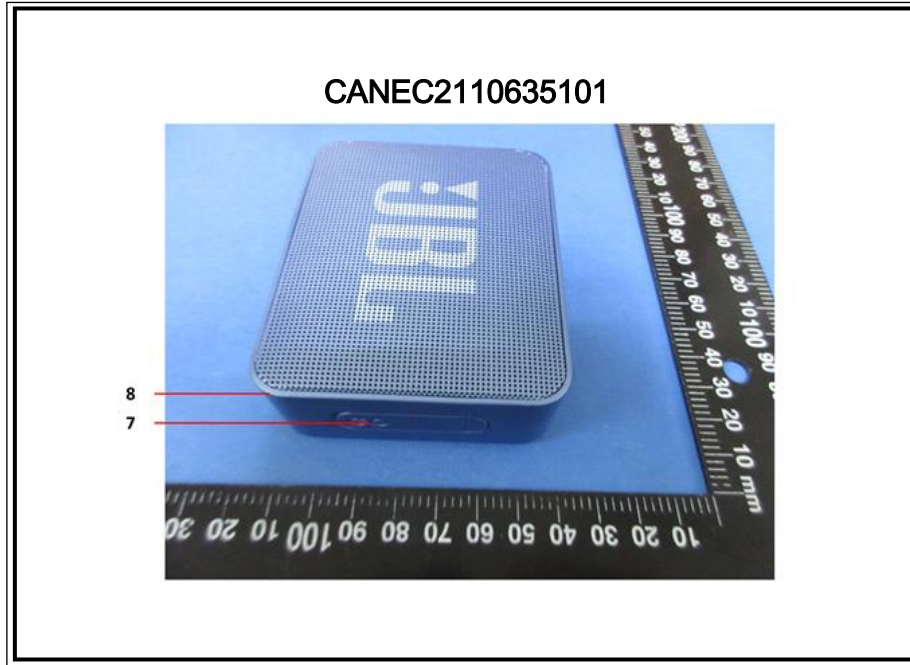


Sample photo:









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