

Test Report

No.: CANEC25003386002

Date: Apr 30, 2025

Page 1 of 8

Client Name: HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
 Client Address: 8500 BALBOA BLVD, NORTHRIDGE, CA 91329, UNITED STATES

Sample Name: PORTABLE BLUETOOTH SPEAKER
 Model No.: TUNER 3
 Manufacturer: HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
 Manufacturer Address: 8500 BALBOA BLVD, NORTHRIDGE, CA 91329, UNITED STATES
 Supplier: Ganzhou Dehuida Technology Co., Ltd
 Brand: JBL

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

SGS Job No.: SZP25-007160
 Sample Receiving Date: Feb 25, 2025
 Testing Period: Feb 25, 2025 ~ Mar 11, 2025
 Test Requested: Select test(s) as requested by the client.
 Test Method(s): Please refer to next page(s).
 Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Extractable Heavy Metal	Pass
Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Benzene	Pass
Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Polycyclic aromatic hydrocarbons (PAHs)	Pass
Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Chlorinated Organic Carriers	Pass

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

Catty Gong
 Approved Signatory

Scan to see the report



C2ABD386



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

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

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
 中国·广东·广州高新技术产业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 Report

No.: CANEC25003386002

Date: Apr 30, 2025

Page 2 of 8

Test Requirement	Conclusion
Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Free Formaldehyde	Pass
Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Phthalates	Pass
Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Solvent residues	Pass
Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Forbidden dyes	Pass
Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Amine salts	Pass
Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Quinoline	Pass

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A4+A19	CAN25-0033860-0007	Black fibre net + White fibre net
SN2	A6+A16	CAN25-0033860-0008	Black/grey fibre sheet + Grey/white fibre sheet

Remarks:

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

Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Extractable Heavy Metal

Test Method: With reference to EN 16711-2:2015, analysis was performed by ICP-MS and UV-Vis.

Test Item(s)	Limit	Unit(s)	MDL	A4+A19	A6+A16
Cadmium (Cd)	1	mg/kg	0.1	ND	ND
Arsenic (As)	1	mg/kg	0.2	ND	ND
Lead(Pb)	1	mg/kg	0.2	ND	ND
Chromium VI (CrVI)	1	mg/kg	0.3	ND	ND
Conclusion				Pass	Pass

Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Benzene

Test Method: With reference to SGS in house method, analysis was performed by HS-GC-MS.



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司 检验检测专用章
Inspection & Testing Services

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

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

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

Test Report

No.: CANEC25003386002

Date: Apr 30, 2025

Page 3 of 8

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A4+A19	A6+A16
Benzene	71-43-2	5	mg/kg	1	ND	ND
Conclusion					Pass	Pass

Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Polycyclic aromatic hydrocarbons (PAHs)

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

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A4+A19	A6+A16
Benzo(a)anthracene (BaA)	56-55-3	1	mg/kg	0.10	ND	ND
Benzo(b)fluoranthene (BbF)	205-99-2	1	mg/kg	0.10	ND	ND
Benzo[a]pyrene (BaP)	50-32-8	1	mg/kg	0.10	ND	ND
Benzo[e]pyrene (BeP)	192-97-2	1	mg/kg	0.10	ND	ND
Benzo[j]fluoranthene (BjF)	205-82-3	1	mg/kg	0.10	ND	ND
Benzo[k]fluoranthene (BkF)	207-08-9	1	mg/kg	0.10	ND	ND
Chrysene (CHR)	218-01-9	1	mg/kg	0.10	ND	ND
Dibenz[a,h]anthracene (DBA)	53-70-3	1	mg/kg	0.10	ND	ND
Conclusion					Pass	Pass

Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Chlorinated Organic Carriers

Test Method: With reference to EN 17137:2018, analysis was performed by GC-MS with confirmation.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A4+A19	A6+A16
p-Chlorobenzotrichloride (α,α,α,4-Tetrachlorotoluene)	5216-25-1	1	mg/kg	0.10	ND	ND
Benzo-trichloride (α,α,α-Trichlorotoluene)	98-07-7	1	mg/kg	0.10	ND	ND
Benzyl Chloride (α-Chlorotoluene)	100-44-7	1	mg/kg	0.10	ND	ND
Conclusion					Pass	Pass

Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Free Formaldehyde

Test Method: With reference to ISO 14184-1:2011, analysis was performed by UV-Vis.

Test Item(s)	Limit	Unit(s)	MDL	A4+A19	A6+A16
Formaldehyde	75	mg/kg	16	ND	ND
Conclusion				Pass	Pass

Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Phthalates

Test Method: With reference to ISO 14389:2022, analysis was performed by GC-MS.



SGS-CST Standards Technical Services Co., Ltd.
Guangzhou Branch Technical Laboratory

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 herein 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

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业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 Report

No.: CANEC25003386002

Date: Apr 30, 2025

Page 4 of 8

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A4+A19	A6+A16
Diisooheptyl phthalate(DIHP)	71888-89-6	1000	mg/kg	50	ND	ND
Bis(2-methoxyethyl) phthalate(DMEP)	117-82-8	1000	mg/kg	50	ND	ND
Diisopentylphthalate(DiPP)	605-50-5	1000	mg/kg	50	ND	ND
Di-n-pentyl phthalate (DnPP)	131-18-0	1000	mg/kg	50	ND	ND
Di-n-hexyl phthalate (DnHP)	84-75-3	1000	mg/kg	50	ND	ND
Dibutylphthalate (DBP)	84-74-2	1000	mg/kg	50	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	1000	mg/kg	50	ND	ND
Bis-(2-ethylhexyl)phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	1000	mg/kg	50	ND	ND
Sum of 9 Phthalates	-	1000	mg/kg	-	ND	ND
Conclusion					Pass	Pass

Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Solvent residues

Test Method: With reference to ISO 16189:2021, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A4+A19	A6+A16
1-methyl-2-pyrrolidone (NMP)	872-50-4	3000	mg/kg	50	ND	ND
N,N-dimethylacetamide (DMAC)	127-19-5	3000	mg/kg	50	ND	ND
N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2	3000	mg/kg	50	ND	ND
Conclusion					Pass	Pass

Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Forbidden dyes

Test Method: With reference to DIN 54231:2022, analysis was performed by HPLC-DAD-MS or LC-MS-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A4+A19	A6+A16
Disperse Blue 1(CI No:64500)	2475-45-8	50	mg/kg	15	ND	ND
Basic Red 9(CI No:42500)	569-61-9	50	mg/kg	15	ND	ND
C.I. Basic Violet 3 with ≥ 0.1 % of Michler's ketone (EC no. 202-027-5)	548-62-9	50	mg/kg	15	ND	ND
Conclusion					Pass	Pass

Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Amine salts

Test Method: With reference to EN ISO 14362-1:2017, Analysis was performed by GC-MS/HPLC-DAD.



SGS-CST Standards Technical Services Co., Ltd.
Guangzhou Branch Technical Services Laboratory

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 herein 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

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

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

Test Report

No.: CANEC25003386002

Date: Apr 30, 2025

Page 5 of 8

Test Item(s)	CAS No.	Limit	Unit(s)	A4+A19	
				Direct Reduction *	Colorant Extraction *
2,4,5-trimethylaniline hydrochloride+	21436-97-5	30	mg/kg	ND	ND
2-Naphthylammoniumacetate+	553-00-4	30	mg/kg	ND	ND
4-chloro-o-toluidinium chloride+	3165-93-3	30	mg/kg	ND	ND
2,4-diaminoanisole sulphate+	39156-41-7	30	mg/kg	ND	ND
Conclusion				Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	A6+A16	
				Direct Reduction *	Colorant Extraction *
2,4,5-trimethylaniline hydrochloride+	21436-97-5	30	mg/kg	ND	ND
2-Naphthylammoniumacetate+	553-00-4	30	mg/kg	ND	ND
4-chloro-o-toluidinium chloride+	3165-93-3	30	mg/kg	ND	ND
2,4-diaminoanisole sulphate+	39156-41-7	30	mg/kg	ND	ND
Conclusion				Pass	Pass

Notes:

- (1) *Direct reduction refers to the extraction and reduction according to EN ISO 14362-1:2017 clause 10.2 and relevant clauses.
- *Colorant extraction refers to the colourant extraction and subsequent reduction according to EN ISO 14362-1: 2017 clause 10.1 and relevant clauses.
- (2) +Result was back calculated based on the determination of its amine. Detection limit =5mg/kg of its amine.

Entry 72 of Regulation (EU) 2018/1513 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Carcinogenic, mutagenic and reprotoxic (CMR) substances - Quinoline

Test Method: With reference to DIN 54231:2022, analysis was performed by HPLC-DAD-MS or LC-MS-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A4+A19	A6+A16
Quinoline	91-22-5	50	mg/kg	10	ND	ND
Conclusion					Pass	Pass

The location of performance of the laboratory activities: A. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong; B. Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, Guangdong

Based on the material risk assessment results, the selected parts in the sample photos were tested and conclusions were drawn.

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.



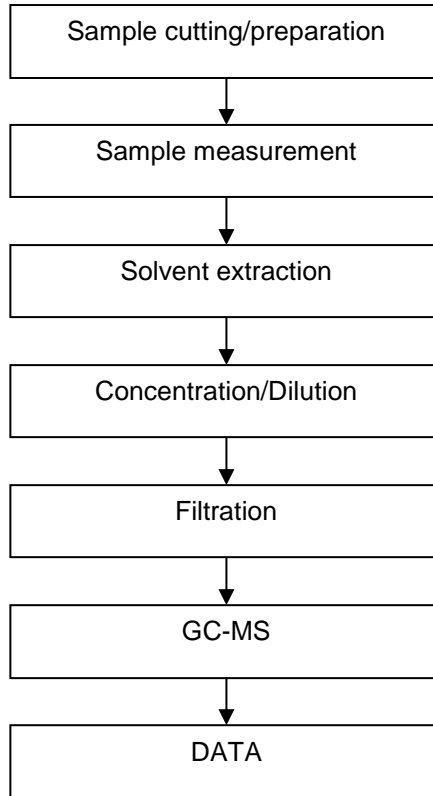
SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Technical Services Laboratory

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

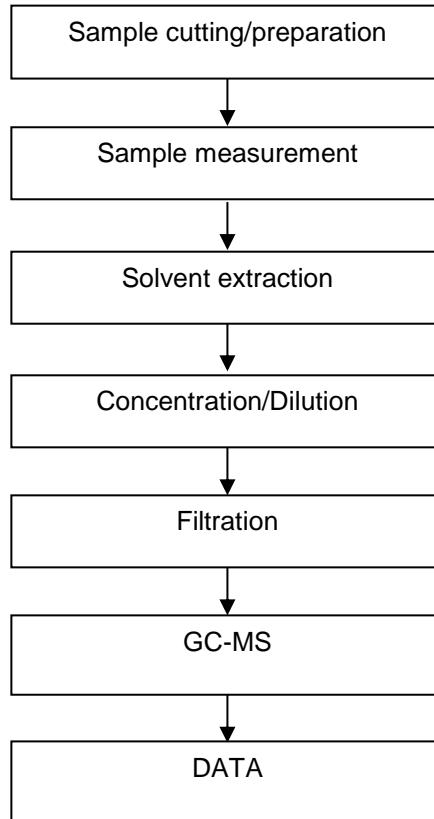
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

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

PAHs Testing Flow Chart



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: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Sample photos:



SGS authenticate the photo on original report only

*** End of Report ***

