

Test Report

Report No. : AGC05443240616-001

SAMPLE NAME : Speaker with bamboo front

MODEL NAME : MO9806

APPLICANT: MID OCEAN BRANDS B.V

STANDARD(S) : Please refer to the following page(s).

DATE OF ISSUE : Jun. 28, 2024

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.





Applicant : MID OCEAN BRANDS B.V

Address : 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.

Test Site : 6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street,

Bao'an District, Shenzhen, Guangdong, China

Report on the submitted sample(s) said to be:

Sample Name : Speaker with bamboo front

Model : MO9806

Vendor code : 116266

Country of Origin : CHINA

Country of Destination : EUROPE

Sample Received Date : Jun. 17, 2024

Testing Period : Jun. 17, 2024 to Jun. 26, 2024

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

Test Requested: Conclusion

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 77

- Formaldehyde Release

Approved by: Len

Suhongliang, Leon

Report No.: AGC05443240616-001

Pass

Technical Director



Report Revise Record

Report No.: AGC05443240616-00

Report Version	Issued Date	Valid Version	Notes
/	Jun. 28, 2024	Valid	Initial release



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The photo of the sample

The photo of AGC05443240616-001 is for use only with the original report.

Test Point Description

Test point	Test point description
1-1	Bamboo shell



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Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001%

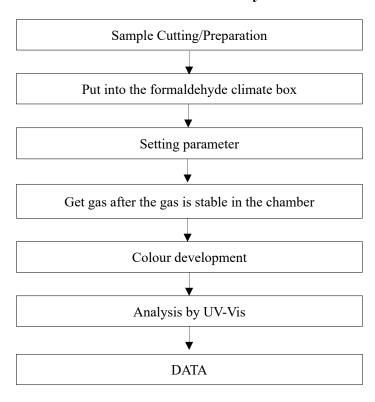
Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 77

- Formaldehyde Release

Test Methods and Equipment: EN 717-1:2004; UV-Vis

Test Item(s)	Unit Limit	MDL	Test Result(s)	
Test Item(s)	Onit	LIIIII	MDL	1-1
Formaldehyde Release	mg/m³	0.062	0.006	N.D. (240h)
Со	Conformity			

Test Flow Chart of Formaldehyde Release





Report No.: AGC05443240616-001

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*** End of Report ***



TEST REPORT

Report No. : WTF24F07165111C

Applicant: Mid Ocean Brands B.V.

Wan, Kowloon, Hong Kong

Manufacturer..... : 116266

Sample Name Speaker with bamboo front

Sample Model : MO9806

Test Requested..... : Refer to next page (s)

Test Method: Refer to next page (s)

Test Conclusion : Pass (please refer to next pages for details)

Date of Receipt sample..... : 2024-07-12

Date of Issue 2024-08-05

Test Result : Refer to next page (s)

Prepared By:

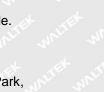
Waltek Testing Group (Foshan) Co., Ltd.

Address: No.13-19, 2/F., 2nd Building, Sunlink Machinery City, Xingye 4 Road, Guanglong Industrial Park, Chihua Neighborhood Committee, Chencun Town, Shunde District, Foshan, Guangdong, China Tel:+86-757-23811398 Fax:+86-757-23811381 E-mail:info@waltek.com.cn

Signed for and on behalf of Waltek Testing Group (Foshan) Co., Ltd.

Swing Liang

Swing.Liang WTF24F07165111C





Summary

Item No.	Test Requested	Test Conclusion
WALTER W	To determine the Pentachlorophenol and its salts and esters (PCP) content in the submitted sample with reference to Regulation (EU)2019/1021 and its amendment (EU)2020/784&(EU)2020/1203&(EU)2020/1204&(EU)2021/115&(EU)2021/277&(EU)2022/2291&(EU)2023/1608.	Pass Tek
2	As requested by the applicant, to test Colour Fastness to Rubbing in the submitted sample.	Pass
Martin V	Determine the specified AZO Colorants contents in the submitted sample in according to the Entries 43 in Annex XVII of the REACH Regulation (EC) No.1907/2006 and the Amendment Regulation (EC) No.552/ 2009 & No.126/ 2013 (previously restricted under Directive 2002/61/EC).	Pass
4 W	Determination of specified Polycyclic Aromatic Hydrocarbons (PAHs) content in submitted sample in accordance with Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013.	Pass

Sample photo:







Test Results:

1) Pentachlorophenol and its salts and esters (PCP)

Test Method: With reference to In-house Method, analysis was performed by GC-MS.

C. Life White Mile White White	Result (mg/kg)	Limit	LOQ
Substance Names	No.2	(mg/kg)	(mg/kg)
Pentachlorophenol and its salts and esters (PCP)	ND	≤ 5mg/kg in substances, mixtures or articles	mire 5 ner
Conclusion	Pass	et tet tet stet sitet	OLIEK WILLER

Note:

- (1) ND = Not Detected or lower than limit of quantitation
- (2) mg/kg= milligram per kilogram= ppm
- (3) LOQ = Limit of quantitation

2) Colour Fastness to Rubbing

Colour Fastness to Rubbing				
(ISO 105-X12:	2016; Size of rubbing finger:	16mm diameter.)	The The M	
Let Let	12 22 22	No.1	Client's Limit	
January Land	Dry staining	4-5	2-3	
Length	Wet staining	4-5	2-3	
\\\/: al4la	Dry staining		2-3	
Width	Wet staining	TEX WITH THE WALL OF	2-3	
Conclusion	I'M SLITE WITH SIME S	Pass	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Note:

(1) Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.





3) AZO

Test Method: With reference to BS EN ISO 14362-1: 2017 and BS EN ISO 14362-3: 2017, analysis was performed by Gas Chromatographic Mass Spectrometry (GC-MS)

No.	Amino Ciberonia	CAS No.	Limit	Result (mg/kg)	
NO.	Amines Substances	CAS NO.	(mg/kg)	No.1	
1	4-Aminobiphenyl	92-67-1	30	ND	
2	Benzidine	92-87-5	30	ND NO	
3	4-chloro-o-Toluidine	95-69-2	30	ND	
4	2-Naphthylamine	91-59-8	30	ND WELL IN	
5	o-Aminoazotoluene	97-56-3	30	ND	
6	2-Amino-4-nitrotoluene	99-55-8	30	I ND U	
7	p-Chloroaniline	106-47-8	30	ND -	
8	2,4-diaminoanisol	615-05-4	30	ND ND	
9	4,4'-Diaminodiphenylmethane	101-77-9	30	ND.	
10	3,3'-Dichlorobenzidine	91-94-1	30	Unit of ND Unit	
11	3,3'-Dimethoxybenzidine	119-90-4	30	ND ND	
12	3,3'-Dimethylbenzidine	119-93-7	30	ND ND	
13	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	30	L ND	
14	p-cresinin	120-71-8	30	ND	
15	4,4'-Methylen-bis-(2-chloroaniline)	101-14-4	30	ND:	
16	4,4'-Oxydianiline	101-80-4	30	ND W	
17	4,4'-Thiodianiline	139-65-1	30	ND	
18	o-Toluidine	95-53-4	30	ND W	
19	2,4-Toluylendiamine	95-80-7	30	ND (
20	2,4,5 – Trimethylaniline	137-17-7	30	ND ND	
21	o-anisidine	90-04-0	30	L ND	
22	4-aminoazobenzene	60-09-3	30	ND	
23	2,4-Xylidin	95-68-1	30	ND ND	
24	2,6-Xylidin	87-62-7	30	M MD M	
EFF	Conclusion		A A	Pass	

Note

- ND = Not Detected or lower than limit of quantitation
- mg/kg=Milligram per kilogram
- Limit of quantitation (mg/kg): Each 5mg/kg
- The CAS-numbers 97-56-3 and 99-55-8 are further reduced to CAS-numbers 95-53-4 and 95-80-7.
- AZO colorants that are able to form 4-aminoazobenzene, generate under the condition of this method aniline and 1,4-phenylenediamine. The presence of these colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorant used.



4) Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method: With reference to AFPS GS 2019:01 PAK method, analysis was performed by Gas Chromatographic Mass Spectrometry (GC-MS).

Took Home Text Steel Williams	Unit	Results	1.00	At 1 mile	
Test Items	Unit	No.1	LOQ	Limit	
Benzo(a)anthracene (BaA)	mg/kg	ND	0.2	1.0	
Chrysene (CHR)	mg/kg	ND ND	0.2	1.0	
Benzo[b]fluoranthene (BbFA)	mg/kg	ND	0.2	1.0	
Benzo[k]fluoranthene (BkFA)	mg/kg	ND	0.2	1.0	
Benzo(a)pyrene (BaP)	mg/kg	ND	0.2	1.0	
Dibenzo[a,h]anthracene (DBAhA)	mg/kg	ND ND	0.2	1.0	
Benzo[j]fluoranthene (BjFA)	mg/kg	ND ND	0.2	1.0	
Benzo[e]Pyrene (BeP)	mg/kg	ND	0.2	1.0	
Conclusion	A 512	Pass	i mr - mr	24, - 24	

Note:

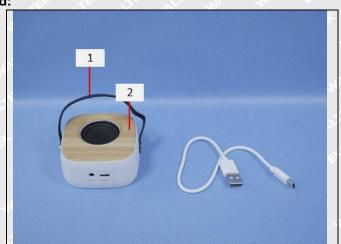
- (1) ND = Not Detected or lower than limit of quantitation
- (2) mg/kg=milligram per kilogram=ppm
- (3) LOQ = Limit of quantitation
- (4) As per Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013, Articles shall not be placed on the market for supply to the general public, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 1 mg/kg (0,0001 % by weight of this component) of any of the listed PAHs.
- (5) As per Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013, Toys, including activity toys, and childcare articles, shall not be placed on the market, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 0,5 mg/kg (0,00005 % by weight of this component) of any of the listed PAHs.

Description for Specimen:

Specimen No.	Specimen Description
REFER METER 1 MITE MALTE	Black synthetic leather with fabric backing
2 1 2 1	Brown wood shell



Photograph of parts tested:



MANUEL E



W

Report No.: WTF24F07165111C Job No.: FSW2407261165CJ

Remarks:

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===== End of Report ======

