Test Report

Applicant: Mid Ocean Brands B.V.

Address: Unit 711- 716, 7/F., Tower A, 83 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.

Manufacturer: 117486

Address: /

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

Sample Name: Wireless Speaker

Sample Model: MO6813

Sample Received Date: May 21, 2025

Testing Period: May 21, 2025 to May 26, 2025

Test Requested:

As requested by the applicant, refer to attached page(s) for details.

****

Approved by:

Tony Qian

Tony Qian/ Technical Manager

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Guangdong KEYS Testing Technology Co.,Ltd.
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Tel: +86-0769-89798319 http://www.keys-lab.com E-mail: info@keys-lab.com

Test Report

Summary of Test Results:

Test Standard		Conclusion
1	Textiles- Methods fordetermination of certainaromatic amines derived fromazo colorants Part 1: Detection of the use of certainazo colorants accessible with and withoutextracting the fibres(lS0 14362-1:2017)	Pass

Test Report

Test Result

Test method and Test equipment :

Test Item	Test Method	Test Equipment
AZO	EN ISO 14362-1:2017	GC-MS

No.	Substances	Unit	MDL	Limit	Test Result
					1
1	Biphenyl-4-ylamine/4-aminodiphenyl/xenylamine	mg/kg	5	30	N.D.
2	Benzidine	mg/kg	5	30	N.D.
3	4-chloro-o-toluidine	mg/kg	5	30	N.D.
4	2-naphthylamine	mg/kg	5	30	N.D.
5	o-aminoazotoluene/4-amino-2',3-dimethylazobenzene/4-o-tolylazo-o-toluidine*	mg/kg	5	30	N.D.
6	2-amino-4-nitrotoluene/5-nitro-o-toluidine*	mg/kg	5	30	N.D.
7	4-chloroaniline	mg/kg	5	30	N.D.
8	4-methoxy-m-phenylenediamine	mg/kg	5	30	N.D.
9	4,4'-methylenedianiline/ 4,4'-diaminodiphenylmethane	mg/kg	5	30	N.D.
10	3,3'-dichlorobenzidine/3,3'-dichlorobiphenyl-4,4'-ylenediamine	mg/kg	5	30	N.D.
11	3,3'-dimethoxybenzidine/o-dianisidine	mg/kg	5	30	N.D.
12	3,3'-dimethylbenzidine/4,4-bi-o-toluidine	mg/kg	5	30	N.D.
13	4,4'-methylenedi-o-toluidine	mg/kg	5	30	N.D.
14	6-methoxy-m-toludine/p-cresidine	mg/kg	5	30	N.D.
15	4,4'-methylene-bis-(2-chloroaniline)/2,2'-dichloro-4,4-methylene-dianiline	mg/kg	5	30	N.D.
16	4,4'-oxydianiline	mg/kg	5	30	N.D.
17	4,4'-thiodianline	mg/kg	5	30	N.D.

Test Report

No.	Substances	Unit	MDL	Limit	Test Result
					1
18	o-toluidine/2-aminotoluene	mg/kg	5	30	N.D.
19	4-methyl-m-phenylenediamine/2,4-toluylen diamine	mg/kg	5	30	N.D.
20	2,4,5-trimethylaniline	mg/kg	5	30	N.D.
21	o-anisidine/2-methoxyaniline	mg/kg	5	30	N.D.
22	4-aminoazobenzene**	mg/kg	5	30	N.D.
23	2,4-xylidine	mg/kg	5	30	N.D.
24	2,6-xylidine	mg/kg	5	30	N.D.

Note:

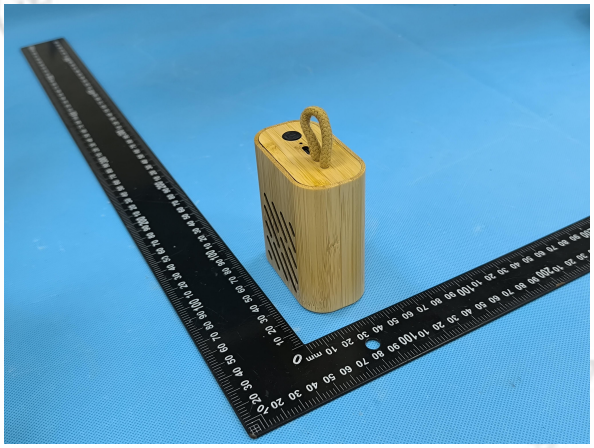
- 1. mg/kg = ppm
- 2. N.D.= Not Detected (＜MDL)
- 3. MDL = Method Detection Limit
- 4. * = The amines o-aminoazotoluene (No 5, CAS No.97-56-3) and 2-amino-4-nitrotoluene (No 6, CAS No.99-55-8) are further reduced to o-toluidine (No 18, CAS No. 95-53-4) and 2, 4-diaminotoluene (No 19, CAS No. 95-80-7).
- 5. ** = Azo colorants that are able to form 4-aminoazobenzene (No 22, CAS No. 60-09-3) generate, under the condition of this method, aniline (CAS No. 62-53-3) and 1, 4-phenylendiamine (CAS No. 106-50-3).Due to detection limits,only aniline may be detected. If aniline is detected above 5mg/kg, then the presence of these colorants should be tested by ISO 14362-3:2017

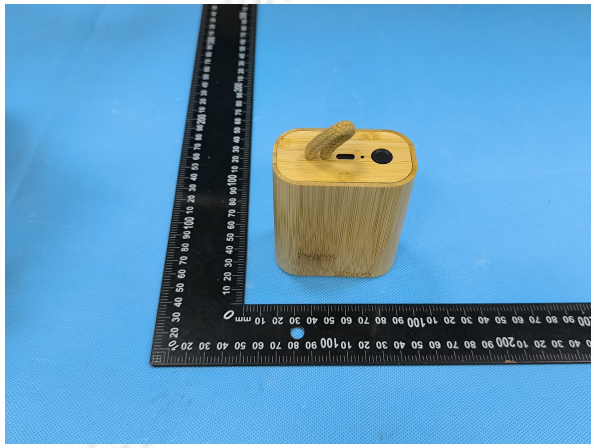
Test Report

Sample Description:

No.	Description
1	Yellow braided rope

Sample Photo:





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Test Requested:

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Approved by:

May Yin/Technical Manager

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Test Report

Summary of Test Results:

	Test Standard	Conclusion
1	As specified by client, to determine the Colour Fastness to Rubbing in the submitted sample(s) in accordance with ISO 105-X12:2016.	Pass

Test Report

Test Result:

(1) Colour Fastness to Rubbing

Test Method: ISO 105-X12:2016, Size of Rubbing Finger: Circular 16 mm Diameter.

Material No.	Test Item		Results(Grade)	Client's Requirement (Min. Grade)	Conclusion
1	Dry	Length	4-5	2-3	Pass
		Width	-	-	
	Wet	Length	4-5	2-3	
		Width	-	-	

Notes:

Explanation of Colorfastness Results

Grade 5 Negligible or No Change or Staining

Grade 4 Slightly Changed or Stained

Grade 3 Noticeably Changed or Stained

Grade 2 Considerably Changed or Stained

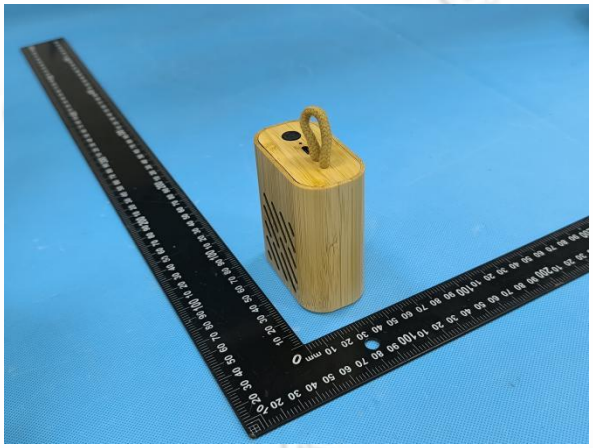
Grade 1 Much Changed or Heavily Stained

Test Report

Sample Description:

No.	Description
1	Yellow braided rope

Sample photo:



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Summary of Test Results:

	Test Standard	Conclusion
1	Pentachlorophenol(PCP)Content-EuropeanRegulation POPs(EU)2019/1021	Pass
2	Annex xVll of the REACH Regulation (EC) No 1907/2006,entry 77 -Fommaldehyde Release	Pass

Test Report

Test Result:

1. Pentachlorophenol (PCP) Content-European Regulation POPs (EU) 2019/1021 Annex I and its amendments

Test Method:US EPA 3550C:2007, analyzed by Gas Chromatography and Mass Spectrometry (GC-MS)

Test Item(s)	MDL (mg/kg)	Limit (mg/kg)	Test Result (mg/kg)
			1
Pentachlorophenol (PCP)	0.5	5	N.D.

Note: 1. mg/kg=Milligrams per kilogram
2. N.D.= Not Detected(<MDL)
3. MDL = Method Detection Limit

2. Formaldehyde- REACH Annex XVII

Test Method: Annex xVll of the REACH Regulation (EC) No 1907/2006,entry 77
-Fommaldehyde Release

Tested Item(s)	MDL (mg/m^3)	Limit (mg/m^3)	Test Result (mg/m^3)
			1
Formaldehyde	0.01	0.062	N.D.

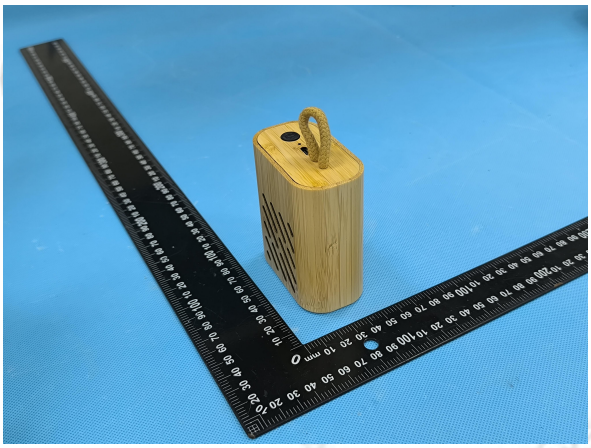
Note: 1. mg/m^3=Milligrams per cubic meter
2. N.D.= Not Detected(<MDL)
3. MDL = Method Detection Limit

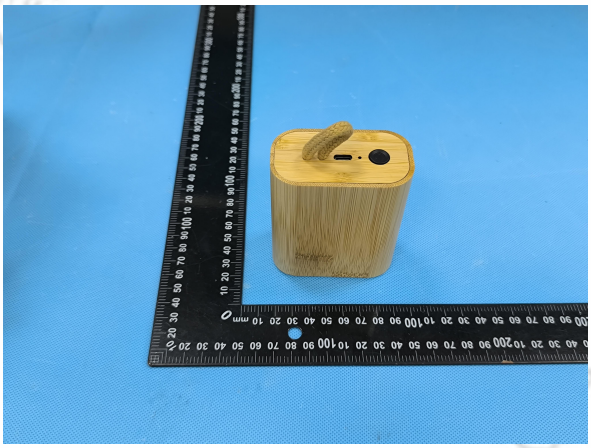
Test Report

Sample Description:

No.	Description
1	Yellow bamboo shell

Sample Photo:





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