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## Test Report

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Report No. : AGC05443250102-001S1

**SAMPLE NAME** : Cheese board set in bamboo, Bamboo Cheese board set

**MODEL NAME** : MO6415, MO6414

**APPLICANT** : MID OCEAN BRANDS B.V.

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

**DATE OF ISSUE** : Apr. 16, 2025

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



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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 : Cheese board set in bamboo, Bamboo Cheese board set  
Model : MO6415, MO6414  
Vendor code : 118833  
Country of Origin : CHINA  
Country of Destination : EUROPE  
Sample Received Date : Jan. 09, 2025  
Testing Period : Jan. 09, 2025 to Jan. 20, 2025  
Test Requested : Selected test(s) as requested by client.

**Test Requested:****Conclusion**

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 63  
- Lead(Pb) Content

Pass

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

Pass

Regulation (EU) 2019/1021 on persistent organic pollutants (POPs)  
- Pentachlorophenol (PCP) Content

Pass

Regulation 1935/2004/EC, Regulation(EU) No.10/2011 for bamboo:  
- Specific migration of Formaldehyde  
- Pentachlorophenol (PCP) content

Pass

Pass

Regulation 1935/2004/EC and Technical Guide on Metals and alloys used in food contact materials  
of Council of Europe Resolution CM/Res(2020)9  
- Specific migration of Heavy metal

Pass

Approved by:



Suhongliang, Leon

Technical Director

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## Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Jan. 20, 2025	Invalid	Initial release
S1	Apr. 16, 2025	Valid	Add sample name, model & the photo of the sample

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### The photo of the sample



The photo of AGC05443250102-001S1 is for use only with the original report.

### Test Point Description

Test point	Test point description
1-1+1-2	Bamboo(cutting board)+Bamboo(handle of knife)
1-1	Bamboo(cutting board)
1-2	Bamboo(handle of knife)
1-3	Metal blade
1-4	Metal ring

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### Test Results:

Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001%  
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/CNAS-GL015:2022.

### Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 63

#### - Lead(Pb) Content

Test Methods and Equipment: IEC 62321-5:2013; ICP-OES

Test Item(s)	Unit	Limit	MDL	Test Result(s)		
				1-1+1-2	1-3	1-4
Lead(Pb)	mg/kg	500	10	N.D.	N.D.	N.D.
Conclusion				Conformity	Conformity	Conformity

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-1+1-2

### 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)
				1-2
Formaldehyde Release	mg/m <sup>3</sup>	0.062	0.006	N.D. (240h)
Conclusion				Conformity

### Regulation (EU) 2019/1021 on persistent organic pollutants (POPs)

#### - Pentachlorophenol (PCP) Content

Test Methods and Equipment: EPA 3550C:2007 & EPA 8270E:2018; GC-MS

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				1-1+1-2
Pentachlorophenol (PCP)	mg/kg	5	5	N.D.
Conclusion				Conformity

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-1+1-2

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# Bamboo materials and articles intended to come into contact with food

## -Specific migration of Formaldehyde

Test point	Test Result	Conclusion
	Specific migration of Formaldehyde/ (mg/kg)	
	3% Acetic acid,70°C,2h	
1-1	N.D.	Conformity
Limit	15	/
MDL	5	/

## -Pentachlorophenol (PCP) content

Test Item	Pentachlorophenol (PCP)
Limit (mg/kg)	0.15
MDL(mg/kg)	0.05
Test Method/ Instrument	EN ISO 15320-2011/ GC-MS

Test point	Test Result (mg/kg)	Conclusion
	Pentachlorophenol (PCP)	
1-1	N.D.	Conformity

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**Regulation 1935/2004/EC and Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2020)9**

**- Specific migration of Heavy metal**

Test Method: EDQM (2024)

Item(s)	Unit	Limit		MDL	Test result(s)	
		1 <sup>st</sup> +2 <sup>nd</sup> migration	3 <sup>rd</sup> migration		1-3	
					1 <sup>st</sup> +2 <sup>nd</sup> migration	3 <sup>rd</sup> migration
Simulant Used: 0.5% Citric acid ; Test Condition: 100°C , 1h						
Barium (Ba)	mg/kg	8.4	1.2	0.1	N.D.	N.D.
Copper (Cu)	mg/kg	28	4	0.1	N.D.	N.D.
Iron (Fe)	mg/kg	280	40	0.1	N.D.	N.D.
Tin (Sn)	mg/kg	700	100	0.1	N.D.	N.D.
Chromium (Cr)	mg/kg	7	1	0.01	N.D.	N.D.
Manganese (Mn)	mg/kg	3.85	0.55	0.1	N.D.	N.D.
Zinc (Zn)	mg/kg	35	5	0.1	N.D.	N.D.
Aluminium (Al)	mg/kg	35	5	0.1	N.D.	N.D.
Lithium (Li)	mg/kg	0.336	0.048	0.01	N.D.	N.D.
Beryllium (Be)	mg/kg	0.07	0.01	0.005	N.D.	N.D.
Vanadium (V)	mg/kg	0.07	0.01	0.005	N.D.	N.D.
Nickel (Ni)	mg/kg	0.98	0.14	0.01	N.D.	N.D.
Cobalt (Co)	mg/kg	0.14	0.02	0.01	N.D.	N.D.
Arsenic (As)	mg/kg	0.014	0.002	0.002	N.D.	N.D.
Molybdenum (Mo)	mg/kg	0.84	0.12	0.01	N.D.	N.D.
Silver (Ag)	mg/kg	0.56	0.08	0.01	N.D.	N.D.
Cadmium (Cd)	mg/kg	0.035	0.005	0.002	N.D.	N.D.
Antimony (Sb)	mg/kg	0.28	0.04	0.01	N.D.	N.D.
Mercury (Hg)	mg/kg	0.021	0.003	0.002	N.D.	N.D.
Thallium (Tl)	mg/kg	0.007	0.001	0.001	N.D.	N.D.
Lead (Pb)	mg/kg	0.07	0.01	0.01	N.D.	N.D.
Zirconium (Zr)	mg/kg	14	2	0.01	N.D.	N.D.
Magnesium (Mg)	mg/kg	/	/	0.01	N.D.	N.D.
Titanium (Ti)	mg/kg	/	/	0.01	N.D.	N.D.
Conclusion					Conformity	Conformity

Note:

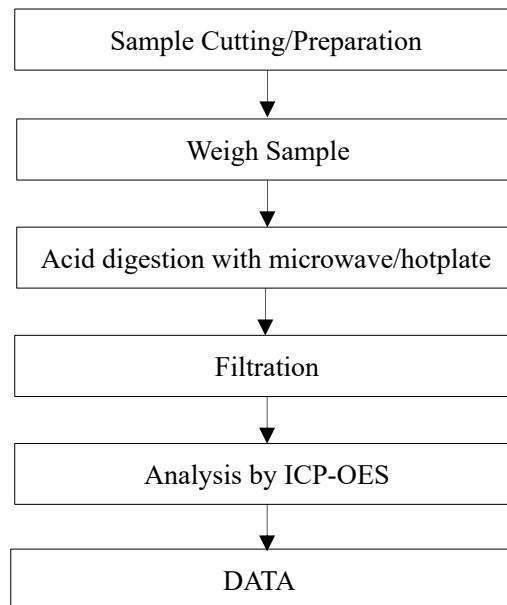
Results from all three migration are to be considered for compliance: Result of 3<sup>rd</sup> migration shall not exceed the SRL and Sum of result of 1<sup>st</sup> and 2<sup>nd</sup> migration shall not exceed 7 times of SRL.

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**Test Flow Chart of Heavy Metal Content**

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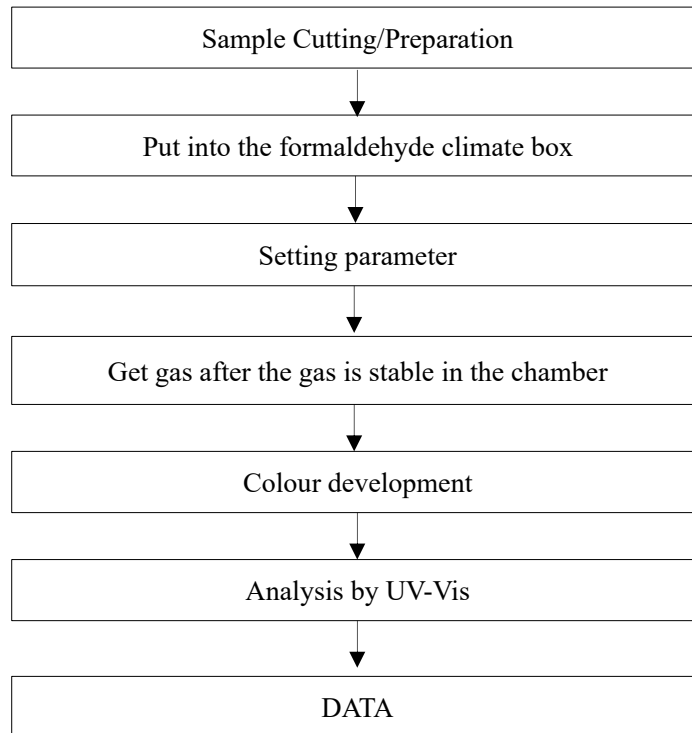
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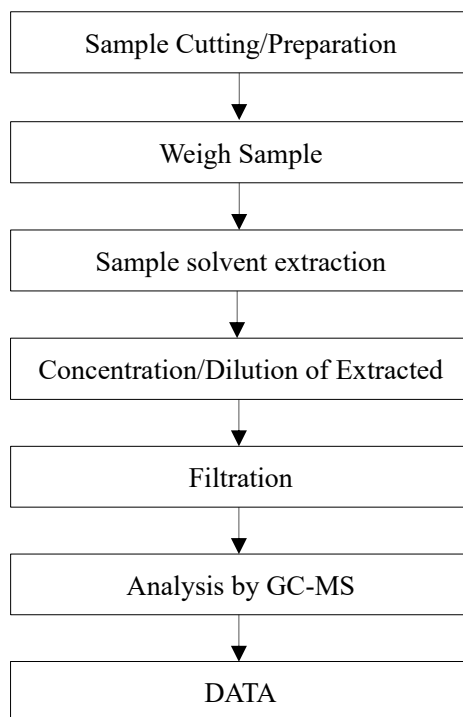


### Test Flow Chart of Formaldehyde Release



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### Test Flow Chart of Pentachlorophenol (PCP)



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3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

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

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