
Test Report

Report No. : AGC05443250323-001S1

SAMPLE NAME : A5 notebook with bamboo detail
MODEL NAME : MO6576
APPLICANT : MID OCEAN BRANDS B.V.
STANDARD(S) : Please refer to the following page(s).
DATE OF ISSUE : Apr. 09, 2025

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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 : A5 notebook with bamboo detail
Model : MO6576
Vendor code : 104901
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Received Date : Mar. 24, 2025(Test point:1-1 to 1-6)
Apr. 08, 2025(Test point:1-7)
Testing Period : Mar. 24, 2025 to Apr. 03, 2025(Test point:1-1 to 1-6)
Apr. 08, 2025 to Apr. 09, 2025(Test point:1-7)
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 43
- Aromatic Amines Azodyes (AZO) Content

Pass

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

Pass

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

Pass

- Colour fastness to rubbing

Pass

Approved by:



Suhongliang, Leon

Technical Director

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Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Apr. 03, 2025	Invalid	Initial release
S1	Apr. 09, 2025	Valid	Add Test point

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The photo of the sample



The photo of AGC05443250323-001S1 is for use only with the original report.

Test Point Description

Test point	Test point description
1-1+1-2+1-3	Black elastic band + Black cloth + Black ribbon
1-1	Black elastic band
1-2	Black cloth
1-3	Black ribbon
1-4	Inner lined paper
1-5	Title paper
1-6	Bamboo
1-7	Black paper

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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.
Conclusion				Conformity	Conformity

Test Item(s)	Unit	Limit	MDL	Test Result(s)	
				1-5	1-6
Lead(Pb)	mg/kg	500	10	N.D.	N.D.
Conclusion				Conformity	Conformity

Test Item(s)	Unit	Limit	MDL	Test Result(s)	
				1-7	
Lead(Pb)	mg/kg	500	10	N.D.	
Conclusion				Conformity	

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-1+1-2+1-3

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 43

- Aromatic Amines Azodyes (AZO) Content

Test Methods and Equipment: EN ISO 14362-1:2017; GC-MS

Test Item(s)	Unit	Limit	MDL	Test Result(s)	
				1-1+1-2+1-3	
4-Aminobiphenyl CAS:92-67-1	mg/kg	30	5	N.D.	
Benzidine CAS:92-87-5	mg/kg	30	5	N.D.	
4-Chloro-o-toluidine CAS:95-69-2	mg/kg	30	5	N.D.	
2-Naphthylamine CAS:91-59-8	mg/kg	30	5	N.D.	
o-Aminoazotoluene CAS:97-56-3	mg/kg	30	5	N.D.	
5-Nitro-o-toluidine CAS:99-55-8	mg/kg	30	5	N.D.	
p-Chloroaniline CAS:106-47-8	mg/kg	30	5	N.D.	

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Test Item(s)	Unit	Limit	MDL	Test Result(s)
				1-1+1-2+1-3
4-Methoxy-m-phenylenediamine CAS:615-05-4	mg/kg	30	5	N.D.
4,4'-Diaminodiphenylmethane CAS:101-77-9	mg/kg	30	5	N.D.
3,3'-Dichlorobenzidine CAS:91-94-1	mg/kg	30	5	N.D.
3,3'-Dimethoxybenzidine CAS:119-90-4	mg/kg	30	5	N.D.
3,3'-Dimethylbenzidine CAS:119-93-7	mg/kg	30	5	N.D.
4,4'-Methylenedi-o-toluidine CAS:838-88-0	mg/kg	30	5	N.D.
p-Cresidine CAS:120-71-8	mg/kg	30	5	N.D.
4,4'-Methylenebis[2-chloroaniline] CAS:101-14-4	mg/kg	30	5	N.D.
4,4'-Oxydianiline CAS:101-80-4	mg/kg	30	5	N.D.
4,4'-Thiodianiline CAS:139-65-1	mg/kg	30	5	N.D.
2-Aminotoluene CAS:95-53-4	mg/kg	30	5	N.D.
2,4-Toluyldiamine CAS:95-80-7	mg/kg	30	5	N.D.
2,4,5-Trimethylaniline CAS:137-17-7	mg/kg	30	5	N.D.
o-Anisidine CAS:90-04-0	mg/kg	30	5	N.D.
4-Aminoazobenzene CAS:60-09-3	mg/kg	30	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+1-3

Note: 4-aminoazobenzene: The EN ISO 14362-1:2017 or ISO 17234-1:2020 methods will enable further cleavage of 4-aminoazobenzene to aniline and / or 1,4-phenylenediamine. If aniline and / or 1,4-phenylenediamine are detected, 4-aminoazobenzene shall be further determined by EN ISO 14362-3:2017 or ISO 17234-2:2011.

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)
				1-6
Pentachlorophenol (PCP)	mg/kg	5	5	N.D.
Conclusion				Conformity

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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)
				1-6
Formaldehyde Release	mg/m ³	0.062	0.006	N.D. (240h)
Conclusion				Conformity

Colour fastness to rubbing

Test Method: ISO 105-X12:2016

Rubbing finger: Cylinder

The time of conditioning as well as the atmospheric conditions during testing: 20.3 °C, 64 %R.H., 4 hrs

The percentage of soak of wet rubbing cloth: 95%~100%

The long direction of the specimen: Endwise/ Crossrange

Test point	Test Result		Conclusion
	Colour fastness to rubbing / (Grade)		
	Dry rubbing	Wet rubbing	
1-1	4-5	4-5	Conformity
1-2	4-5	4-5	Conformity
1-3	4-5	4-5	Conformity
Limit (Client's Requirement)	≥2-3	≥2-3	/

Note:

Colour Fastness Grade:

Grade 5 = No Colour Change (Best Grade)

Grade 1 = Colour Change Seriously (Bad Grade)

9 grades in gray sample card: 5, 4-5, 4, 3-4, 3, 2-3, 2, 1-2, 1.

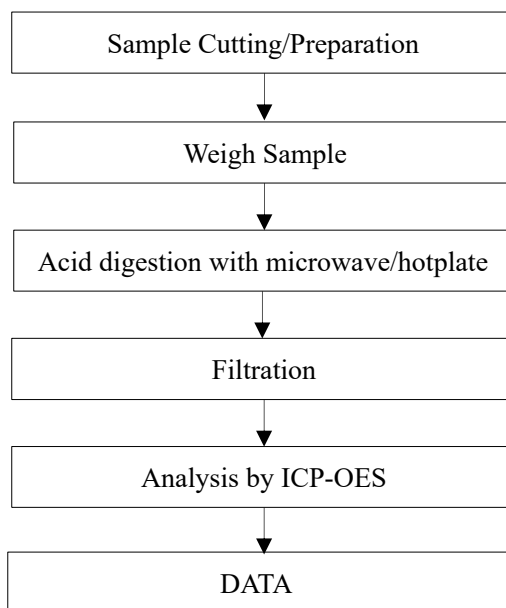
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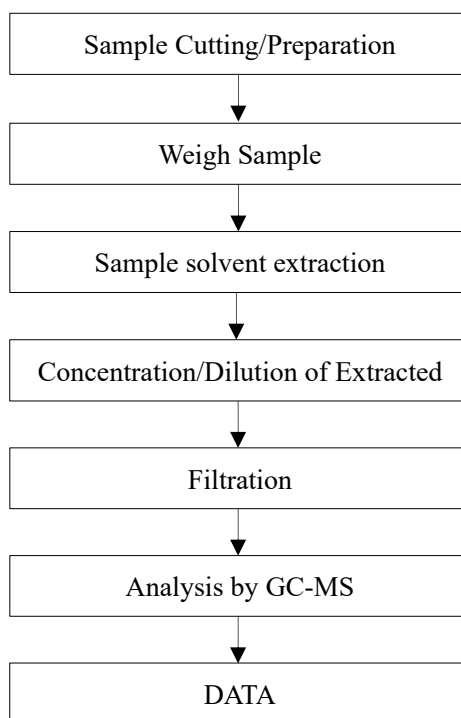
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Test Flow Chart of Heavy Metal Content



Test Flow Chart of AZO



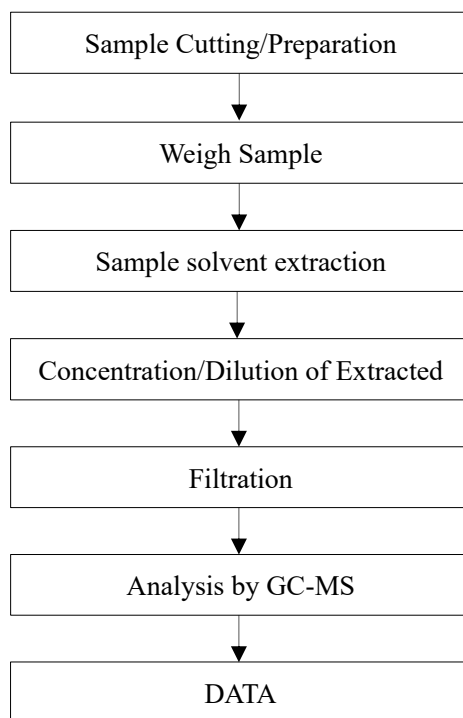
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Test Flow Chart of Pentachlorophenol (PCP)



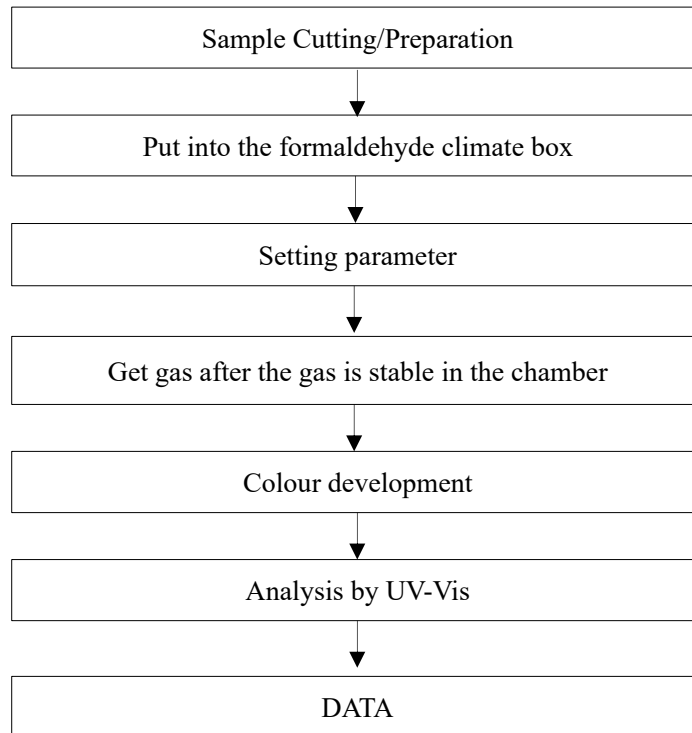
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Test Flow Chart of Formaldehyde Release



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*** End of Report ***

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