

Test Report

Report No. : AGC03778230602-001S3

SAMPLE NAME: Carpenters pencil with ruler, Sharpened pencil with eraser,

Wood pencil with eraser, Natural pencil in seeded pouch

MODEL NAME : MO8686,MO2248,KC2494, MO2257

APPLICANT: MID OCEAN BRANDS B.V

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

DATE OF ISSUE : Sep. 27, 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 : Carpenters pencil with ruler, Sharpened pencil with eraser, Wood pencil with eraser,

Natural pencil in seeded pouch

Model : MO8686,MO2248,KC2494, MO2257

Vendor code : 101191 Country of Origin : CHINA Country of Destination : EUROPE

Sample Received Date : Jun. 15, 2023 (Test point 1-1 to Test point 1-3)

Nov. 10, 2023 (Test point 1-4 to Test point 1-6)

Testing Period : Jun. 15, 2023 to Jun. 19, 2023 (Test point 1-1 to Test point 1-3)

Nov. 10, 2023 to Nov. 16, 2023 (Test point 1-4 to Test point 1-6)

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

Report No.: AGC03778230602-001S3

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 23

-Cadmium(Cd) Content

Pass

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 51&52

- Phthalates Content

Pass

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 50

- Polycyclic-aromatic Hydrocarbons (PAHs) Content

Pass

- Formaldehyde Release

Pass

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

- Pentachlorophenol (PCP) Content

Pass

Approved by:

Suhongliang, Leon

Technical Director

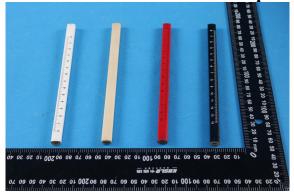


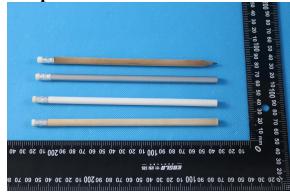
Report Revise Record

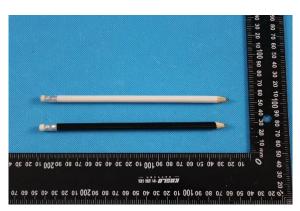
Report Version	Issued Date	Valid Version	Notes
/	Jun. 19, 2023	Invalid	Initial release
S1	Nov. 16, 2023	Invalid	Add test points
S2	May 24, 2024	Invalid	Add sample name & model
S3	Sep. 27, 2024	Valid	Add picture



The photo of the sample







The photo of AGC03778230602-001S3 is for use only with the original report.

Test Point Description

Test point	Test point description
1-1	Lead core
1-2	Wood
1-3	Red coating+ Black coating
1-4	Eraser
1-5	Aluminum ring
1-6	Wood



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 63

- Lead(Pb) Content

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

Tost Itam(s)	Linit	Unit Limit	MDI	Test Result(s)		
Test Item(s)	Unit Limit MDL			1-1	1-2	1-3
Lead(Pb)	mg/kg	500	10	20	N.D.	N.D.
Conclusion				Conformity	Conformity	Conformity

Test Item(s)	Unit	Limit	MDL	Test Result(s)	
Test Item(s)	Omi	Lillit	MDL	1-4	1-5
Lead(Pb)	mg/kg	500	10	N.D.	20
Co.	Conformity	Conformity			

Remark:

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

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 23

-Cadmium(Cd) Content

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

Test Item(s)	Unit	Limit	MDI	Test Result(s)
Test Item(s)	Unit	LIIIII	MDL	1-3
Cadmium(Cd)	mg/kg	100	10	N.D.
Co	Conformity			

Test Item(s)	Unit	Limit	MDL	Test Result(s)
rest ttem(s)	Unit	Lilliit	MIDL	1-4
Cadmium(Cd)	mg/kg	100	10	N.D.
Co	Conformity			

Remark:

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



Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 51&52

- Phthalates Content

Test Methods and Equipment: EN 14372:2004; GC-MS

Test Item(s)	Unit	Limit	MDL	Test Result(s) 1-3
Diisobutyl phthalate (DIBP) CAS:84-69-5	%	0.1	0.01	N.D.
Dibutyl phthalate (DBP) CAS:84-74-2	%	0.1	0.01	N.D.
Butylbenzyl phthalate (BBP) CAS:85-68-7	%	0.1	0.01	N.D.
Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7	%	0.1	0.01	N.D.
Di-n-octyl phthalate (DNOP) CAS:117-84-0	%	/	0.01	N.D.
Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0	%	/	0.01	N.D.
Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1	%	/	0.01	N.D.
Sum of DIBP +DBP+BBP+DEHP	%	0.1	/	N.D.
Sum of DNOP+DINP+DIDP	%	0.1	/	N.D.
Co	Conformity			

Test Item(s)	Unit	Limit	MDL	Test Result(s)
Diisobutyl phthalate (DIBP) CAS:84-69-5	%	0.1	0.005	N.D.
Dibutyl phthalate (DBP) CAS:84-74-2	%	0.1	0.005	N.D.
Butylbenzyl phthalate (BBP) CAS:85-68-7	%	0.1	0.005	N.D.
Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7	%	0.1	0.005	N.D.
Di-n-octyl phthalate (DNOP) CAS:117-84-0	%	/	0.005	N.D.
Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0	%	/	0.005	N.D.
Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1	%	/	0.005	N.D.
Sum of DIBP +DBP+BBP+DEHP	%	0.1	/	N.D.
Sum of DNOP+DINP+DIDP	%	0.1	/	N.D.
Co	Conformity			

Remark:

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

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Report No.: AGC03778230602-001S3



Limit requirements of Phthalates

Toys and childcare articles	Each of DEHP, DBP, BBP, DIBP is less than 0.1% or the sum of DEHP+DBP+BBP+DIBP is less than 0.1%
Toys and childcare articles which can be placed in the mouth by children	The sum of DINP+DIDP+DNOP is less than 0.1%

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 50

- Polycyclic-aromatic Hydrocarbons (PAHs) Content

Test Methods and Equipment: Afps GS 2019:01 PAK; GC-MS

Test Item(s)	Unit	Limit	MDL	Test Result(s)
Benzo[a]pyrene(BaP)	mg/kg	1	0.1	N.D.
Benzo[e]pyrene(BeP)	mg/kg	1	0.1	N.D.
Benzo[a]anthracene(BaA)	mg/kg	1	0.1	N.D.
Benzo[b]fluoranthene(BbF)	mg/kg	1	0.1	N.D.
Benzo[j]fluoranthene(BjFA)	mg/kg	1	0.1	N.D.
Benzo[k]fluoranthene(BkF)	mg/kg	1	0.1	N.D.
Chrysene(CHR)	mg/kg	1	0.1	N.D.
Dibenzo[a,h]anthracene(DBA)	mg/kg	1	0.1	N.D.
C	Conformity			

Test Item(s)	Unit	Limit	MDL	Test Result(s)
Test ttem(s)	Unit	Lillit	MIDL	1-4
Benzo[a]pyrene(BaP)	mg/kg	1	0.1	N.D.
Benzo[e]pyrene(BeP)	mg/kg	1	0.1	N.D.
Benzo[a]anthracene(BaA)	mg/kg	1	0.1	N.D.
Benzo[b]fluoranthene(BbF)	mg/kg	1	0.1	N.D.
Benzo[j]fluoranthene(BjFA)	mg/kg	1	0.1	N.D.
Benzo[k]fluoranthene(BkF)	mg/kg	1	0.1	N.D.
Chrysene(CHR)	mg/kg	1	0.1	N.D.
Dibenzo[a,h]anthracene(DBA)	mg/kg	1	0.1	N.D.
Co	onclusion			Conformity

Remark:

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



Limit requirements of Polycyclic-aromatic Hydrocarbons (PAHs) (Unit: mg/kg)

Items	CAS No.	Extender oils or used for the production of tyres or parts of tyres	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	Toys, including activity toys, and childcare articles, 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
Benzo[a]pyrene(BaP)	50-32-8	≤1	≤ 1	≤ 0.5
Benzo[e]pyrene(BeP)	192-97-2	/	≤ 1	≤ 0.5
Benzo[a]anthracene(BaA)	56-55-3	/	≤ 1	≤ 0.5
Benzo[b]fluoranthene(BbF)	205-99-2	/	≤ 1	≤ 0.5
Benzo[j]fluoranthene(BjFA)	205-82-3	/	≤ 1	≤ 0.5
Benzo[k]fluoranthene(BkF)	207-08-9	/	≤ 1	≤ 0.5
Chrysene(CHR)	218-01-9	/	≤ 1	≤ 0.5
Dibenzo[a,h]anthracene(DBA)	53-70-3	/	≤ 1	≤ 0.5
Sum of BaP+ BeP+ BaA+ BbF+ BjFA+ BkF+ CHR+ DBA	/	≤ 10	/	/

- Formaldehyde Release

Test Methods and Equipment: EN 717-3:1996; UV-Vis

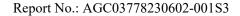
Test Item(s)	Unit	Client's limit	MDL	Test Result(s)
				1-2
Formaldehyde Release	mg/kg	80	1	2
Conclusion				Conformity

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

- Pentachlorophenol (PCP) Content

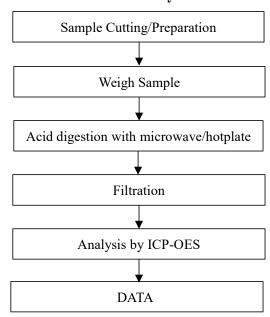
Test Methods and Equipment: EPA 3550C:2007 & EPA 8270E:2018; GC-MS

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				1-6
Pentachlorophenol (PCP)	mg/kg	5	5	N.D.
Conclusion				Conformity

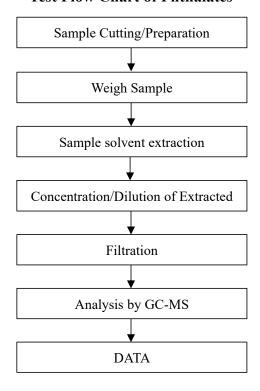


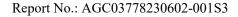


Test Flow Chart of Heavy Metal Content



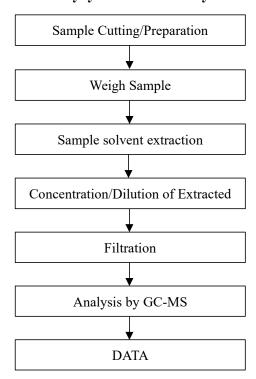
Test Flow Chart of Phthalates

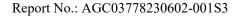






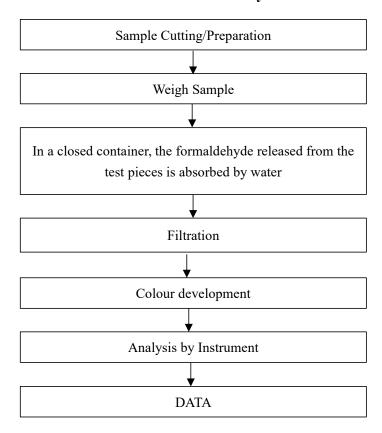
Test Flow Chart of Polycyclic-aromatic Hydrocarbons (PAHs)

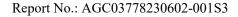






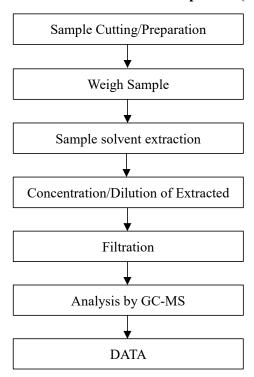
Test Flow Chart of Formaldehyde Release







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 ***



Test Report

Report No. : AGC03778240902-001

SAMPLE NAME: Please refer to the following page(s).

MODEL NAME : MO8686, MO2248, KC2494, MO2257, mo8924, KC2478, IT1047, MO8850, MO8580, KC6230, MO6836, MO9875, IT2691, MO8200

APPLICANT : MID OCEAN BRANDS B.V.

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

DATE OF ISSUE : Oct. 15, 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 : Carpenters pencil with ruler, Sharpened pencil with eraser, Wood pencil with eraser,

Natural pencil in seeded pouch, Set of 4 mini coloured pencils in carton, Set of 6 coloured pencils in carton, Set of 12 coloured pencils in carton, Drawing adult set with set of 12 coloured pencils in carton packed with cardpaper, Set of 6 coloured pencils in tube, Set of 12 coloured pencils in tube, Set of 4 highlighter color pencil in carton, set of 6 coloured pencils in wooden box, set of 12 coloured pencils in wooden box, wood

ball pen

Model : MO8686, MO2248, KC2494, MO2257, mo8924, KC2478, IT1047, MO8850,

MO8580, KC6230, MO6836, MO9875, IT2691, MO8200

Vendor code : 101191
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Received Date : Sep. 27, 2024

Testing Period : Sep. 27, 2024 to Oct. 14, 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

Pass

Report No.: AGC03778240902-001

Approved by: Leon

Suhongliang, Leon

Technical Director



Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Oct. 15, 2024	Valid	Initial release



Report No.: AGC03778240902-001

The photo of the sample



The photo of AGC03778240902-001 is for use only with the original report.

Test Point Description

Test point	Test point description	
1-1	Wood	



Report No.: AGC03778240902-001

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.

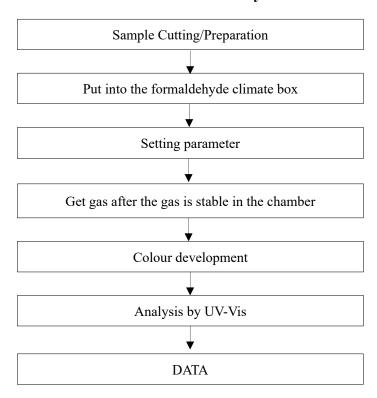
Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 77

- Formaldehyde Release

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

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

Test Flow Chart of Formaldehyde Release





Report No.: AGC03778240902-001

Conditions of Issuance of Test Reports

- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
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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.
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*** End of Report ***