

Test Report

Report No. : AGC02191250403-001S2

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

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

APPLICANT: Mid Ocean Brands B.V.

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

DATE OF ISSUE : Jun. 05, 2025

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:

Vendor Code : 103225
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Received Date : Apr. 18, 2025

Testing Period : Apr. 18, 2025 to Apr. 23, 2025

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

Sample Name	Model
Bottle opener key ring	MO8135
Metal key ring house shape	KC6486
House shaped key ring	MO8461
House shape plastic key ring	MO8877
Round shaped key ring	MO8462

Approved by: Suhong bing

Report No.: AGC02191250403-001S2

Suhongliang

Technical Director



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

- Lead(Pb) Content

Conclusion
Pass

List of restrictions applicable under UK REACH Regulation S.I. 2019 No. 758 and its amendment, entry 63

- Lead(Pb) Content

Pass

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

-Cadmium(Cd) Content

Pass

List of restrictions applicable under UK REACH Regulation S.I. 2019 No. 758 and its amendment, entry 23

- Cadmium(Cd) Content

Pass

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

- Phthalates Content

Pass

List of restrictions applicable under UK REACH Regulation S.I. 2019 No. 758 and its amendment, entry 51&52

- Phthalates Content

Pass

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

- Polycyclic-aromatic Hydrocarbons (PAHs) Content

Pass

List of restrictions applicable under UK REACH Regulation S.I. 2019 No. 758 and its amendment, entry 50

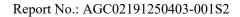
Pass

- Polycyclic-aromatic Hydrocarbons (PAHs) Content



Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Apr. 23, 2025	Invalid	Initial release
S1	Apr. 29, 2025	Invalid	Modification of address & test point description; Add vendor code
S2	Jun. 05, 2025	Valid	Delete of IT3020 sample name & model& photo& Test point





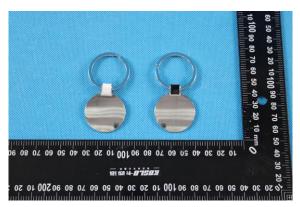
The photo of the sample











The photo of AGC02191250403-001S2 is for use only with the original report.



Test Point Description

Test point	Test point description
1-1	Metal ring(MO8462)
1-2	Round metal sheet(MO8462)
1-3	Metal fastenert(MO8462)
1-4	Black plastict(MO8462)
1-5	White plastict(MO8462)
1-6	Red plastic(MO8877)
1-7	Orange plastic(MO8877)
1-8	Black plastic(MO8877)

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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

Tost Itam(s)	Unit	Limit	MDI	Test Result(s)		
Test Item(s)	Unit	Limit MDL	MDL	1-1	1-2	1-3
Lead(Pb)	mg/kg	500	10	N.D.	14	19
Con	Conformity	Conformity	Conformity			

Test Item(s)	est Item(s) Unit Limit MDL	Test Result(s)			
Test Item(s)	Ollit	Limit	MDL	1-4+1-5	1-6+1-7+1-8
Lead(Pb) mg/kg 500			10	N.D.	N.D.
Co	Conformity	Conformity			

Remark:

<u>List of restrictions applicable under UK REACH Regulation S.I. 2019 No. 758 and its amendment, entry 63</u> - <u>Lead(Pb) Content</u>

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

Toot Itam(s)	Unit	Limit	MDL Test Result(s)			
Test Item(s)	Unit	Lımıt		1-1	1-2	1-3
Lead(Pb)	mg/kg	500	10	N.D.	14	19
Con	Conformity	Conformity	Conformity			

Tost Itam(s)	Unit	Limit	MDI	Test Result(s)		
Test Item(s)			MDL	1-4+1-5	1-6+1-7+1-8	
Lead(Pb)	mg/kg	500	10	N.D.	N.D.	
Cor	Conformity	Conformity				

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-4+1-5,1-6+1-7+1-8

^{1.} As specified by client, the submitted samples were mixed to test, the test points: 1-4+1-5,1-6+1-7+1-8



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

Tost Itom(s)	Item(s) Unit Limit MDL	Test Result(s)			
Test Item(s)		Limit	MDL	1-4+1-5	1-6+1-7+1-8
Cadmium(Cd)	mg/kg	100	10	N.D.	N.D.
Со	Conformity	Conformity			

Report No.: AGC02191250403-001S2

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-4+1-5,1-6+1-7+1-8

<u>List of restrictions applicable under UK REACH Regulation S.I. 2019 No. 758 and its amendment, entry 23 - Cadmium(Cd) Content</u>

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

Test Itam(s)	Test Item(s) Unit Limit MDL	Limit MDI		Test Ro	esult(s)
rest item(s)		Limit	MDL	1-4+1-5	1-6+1-7+1-8
Cadmium(Cd)	mg/kg	100	10	N.D.	N.D.
Co	Conformity	Conformity			

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-4+1-5,1-6+1-7+1-8

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

- Phthalates Content

Test Methods and Equipment: IEC 62321-8:2017; GC-MS

Test Items(s)	Unit Limit		MDL	Test Result(s)	
Test Item(s)	Unit	Unit Limit M		1-4+1-5	1-6+1-7+1-8
Diisobutyl phthalate (DIBP) CAS:84-69-5	%	0.1	0.005	N.D.	N.D.
Dibutyl phthalate (DBP) CAS:84-74-2	%	0.1	0.005	N.D.	N.D.
Butylbenzyl phthalate (BBP) CAS:85-68-7	%	0.1	0.005	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7	%	0.1	0.005	N.D.	N.D.
Di-n-octyl phthalate (DNOP) CAS:117-84-0	%	/	0.005	N.D.	N.D.
Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0	%	/	0.005	N.D.	N.D.
Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1	%	/	0.005	N.D.	N.D.
Sum of DIBP +DBP+BBP+DEHP	%	0.1	/	N.D.	N.D.
Sum of DNOP+DINP+DIDP	%	0.1	/	N.D.	N.D.
Con	Conformity	Conformity			

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Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/



1. As specified by client, the submitted samples were mixed to test, the test points: 1-4+1-5,1-6+1-7+1-8

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%

<u>List of restrictions applicable under UK REACH Regulation S.I. 2019 No. 758 and its amendment, entry 51&52</u>

- Phthalates Content

Test Methods and Equipment: IEC 62321-8:2017; GC-MS

Togt Itam(s)	T Init	Limit MDL		Test Re	esult(s)		
Test Item(s)	Unit	Limit	MIDL	1-4+1-5	1-6+1-7+1-8		
Diisobutyl phthalate (DIBP) CAS:84-69-5	%	0.1	0.005	N.D.	N.D.		
Dibutyl phthalate (DBP) CAS:84-74-2	%	0.1	0.005	N.D.	N.D.		
Butylbenzyl phthalate (BBP) CAS:85-68-7	%	0.1	0.005	N.D.	N.D.		
Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7	%	0.1	0.005	N.D.	N.D.		
Di-n-octyl phthalate (DNOP) CAS:117-84-0	%	/	0.005	N.D.	N.D.		
Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0	%	/	0.005	N.D.	N.D.		
Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1	%	/	0.005	N.D.	N.D.		
Sum of DIBP +DBP+BBP+DEHP	%	0.1	/	N.D.	N.D.		
Sum of DNOP+DINP+DIDP	%	0.1	/	N.D.	N.D.		
Con	Conclusion						

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-4+1-5,1-6+1-7+1-8

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

Toot Itom(a)	Unit	Limit	MDL	Test Result(s)	
Test Item(s)	Unit	Lillit	MIDL	1-4+1-5	1-6+1-7+1-8
Benzo[a]pyrene(BaP)	mg/kg	1	0.1	N.D.	N.D.
Benzo[e]pyrene(BeP)	mg/kg	1	0.1	N.D.	N.D.
Benzo[a]anthracene(BaA)	mg/kg	1	0.1	N.D.	N.D.
Benzo[b]fluoranthene(BbF)	mg/kg	1	0.1	N.D.	N.D.
Benzo[j]fluoranthene(BjFA)	mg/kg	1	0.1	N.D.	N.D.
Benzo[k]fluoranthene(BkF)	mg/kg	1	0.1	N.D.	N.D.
Chrysene(CHR)	mg/kg	1	0.1	N.D.	N.D.
Dibenzo[a,h]anthracene(DBA)	mg/kg	1	0.1	N.D.	N.D.
Conclusion				Conformity	Conformity

Report No.: AGC02191250403-001S2

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-4+1-5,1-6+1-7+1-8

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	/	/



<u>List of restrictions applicable under UK REACH Regulation S.I. 2019 No. 758 and its amendment, entry 50</u>

- Polycyclic-aromatic Hydrocarbons (PAHs) Content

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

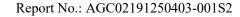
Toot Itom(a)	Test Item(s) Unit Limit MDL	I imit	MDI	Test Result(s)	
Test Item(s)		MIDL	1-4+1-5	1-6+1-7+1-8	
Benzo[a]pyrene(BaP)	mg/kg	1	0.1	N.D.	N.D.
Benzo[e]pyrene(BeP)	mg/kg	1	0.1	N.D.	N.D.
Benzo[a]anthracene(BaA)	mg/kg	1	0.1	N.D.	N.D.
Benzo[b]fluoranthene(BbF)	mg/kg	1	0.1	N.D.	N.D.
Benzo[j]fluoranthene(BjFA)	mg/kg	1	0.1	N.D.	N.D.
Benzo[k]fluoranthene(BkF)	mg/kg	1	0.1	N.D.	N.D.
Chrysene(CHR)	mg/kg	1	0.1	N.D.	N.D.
Dibenzo[a,h]anthracene(DBA)	mg/kg	1	0.1	N.D.	N.D.
Conclusion				Conformity	Conformity

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-4+1-5,1-6+1-7+1-8

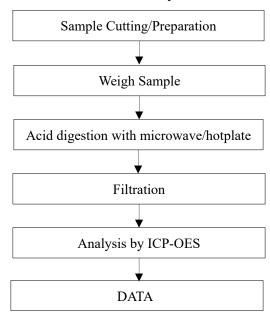
Limit requirements of Polycyclic-aromatic Hydrocarbons (PAHs) (Unit: mg/kg)

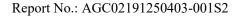
Items	CAS No.	Extender oils or used for the production of tyres or parts of tyres	Any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity	Toys, including activity toys, and childcare articles, any of 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	/	/





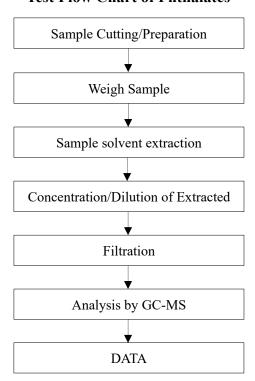
Test Flow Chart of Heavy Metal Content

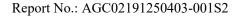






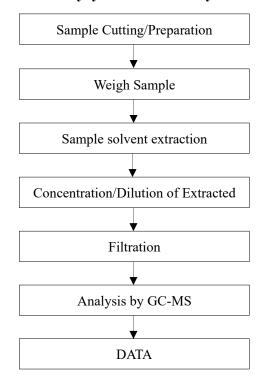
Test Flow Chart of Phthalates







Test Flow Chart of Polycyclic-aromatic Hydrocarbons (PAHs)





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- 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.
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- 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.
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*** End of Report ***