Test Report

Report No.	: AGC02191250403-002S1

SAMPLE NAME	:	Metal rectangular key ring
MODEL NAME	:	IT3020
APPLICANT	:	Mid Ocean Brands B.V.
STANDARD(S)	:	Please refer to the following page(s).
DATE OF ISSUE	:	Jun. 20, 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:

Sample Name	:	Metal rectangular key ring
Model	:	IT3020
Vendor Code	:	103225
Country of Origin	:	CHINA
Country of Destination	:	EUROPE
Sample Received Date	:	Apr. 18, 2025
Testing Period	:	Apr. 18, 2025 to Jun. 04, 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
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 43 - Aromatic Amines Azodyes (AZO) Content	Pass
List of restrictions applicable under UK REACH Regulation S.I. 2019 No. 758 and its amendment, entry 43 - Aromatic Amines Azodyes (AZO) Content	Pass
- Color fastness to rubbing	Pass

Approved by:

Suhongliang

Technical Director

Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Jun. 05, 2025	Invalid	Initial release
S1	Jun. 20, 2025	Valid	Modification of photo

The photo of the sample

The photo of AGC02191250403-002S1 is for use only with the original report.

Test Point Description

Test point	Test point description
2-1	Metal ring
2-2	Metallic sheet
2-3	Green webbing(IT3020)
2-4	Navy blue webbing(IT3020)
2-5	Red webbing(IT3020)

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)	
				2-1	2-2
Lead(Pb)	mg/kg	500	10	N.D.	14
Conclusion				Conformity	Conformity

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				2-3+2-4+2-5
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: 2-3+2-4+2-5

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

- Lead(Pb) Content

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

Test Item(s)	Unit	Limit	MDL	Test Result(s)	
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Lead(Pb)	mg/kg	500	10	N.D.	14
Conclusion				Conformity	Conformity

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				2-3+2-4+2-5
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: 2-3+2-4+2-5

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)
				2-3+2-4+2-5
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.
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'-Dimethybenzidine 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-Toluylendiamine 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: 2-3+2-4+2-5

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.

List of restrictions applicable under UK REACH Regulation S.I. 2019 No. 758 and its amendment, 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)
				2-3+2-4+2-5
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.
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.
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3,3'-Dimethoxybenzidine CAS:119-90-4	mg/kg	30	5	N.D.
3,3'-Dimethybenzidine 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.
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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-Toluylendiamine CAS:95-80-7	mg/kg	30	5	N.D.

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				2-3+2-4+2-5
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: 2-3+2-4+2-5

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.

- Color fastness to rubbing

Test Method: ISO 105-X12:2016

Rubbing finger: Cylinder

The time of conditioning as well as the atmospheric conditions during testing: 20.5℃, 65 %R.H., 4 hrs

The long direction of the specimen Endwise/ Crossrange

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

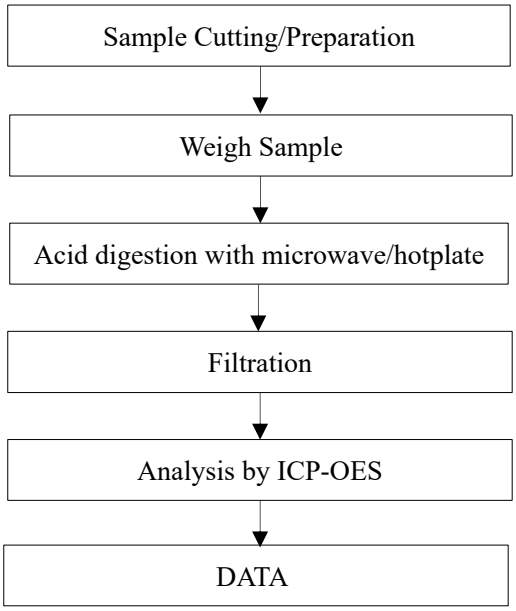
Test point	**Test Result**		**Conclusion**
	Colour fastness to rubbing / (Grade)		
	Dry rubbing	Wet rubbing	
2-3	4-5	4-5	**Conformity**
2-4	4-5	4-5	**Conformity**
2-5	4-5	4-5	**Conformity**
Limit (Client's Requirement)	≥2-3	≥2-3	/

Note:

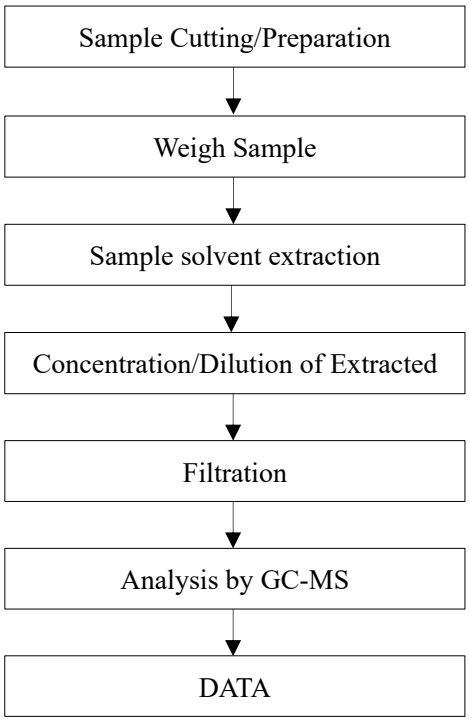
Colour Fastness Grade:
Grade 5 = No Colour Change (Best Grade)
Grade 1 = Colour Change Seriously (Bad Grade)
9 grades in gray sample card: 5, 4-5, 4, 3-4, 3, 2-3, 2, 1-2, 1.

As client's request, test results of No.2-3, No.2-4, No.2-5 copied from test results of No.1-9, No.1-10, No.1-11 of test report No. AGC02191250403-003 respectively.

Test Flow Chart of Heavy Metal Content



Test Flow Chart of AZO



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*** End of Report ***