

Test report

T-24250822-11-R1



Overall result Pass

Please refer to the following pages for test result summary and notes.

Client information

Client: Mid Ocean Brands B.V.

Address: 7/F, Kings Tower, 111 King Lam Street,

Cheung Sha Wan, Kowloon, Hong Kong



Sample information

Description: Magnetic Mini Spirit Level

SKU/style #: MO2474

Country of origin: Country of distribution: Europe

Quantity submitted: 5 pcs + a lot parts

Labeled age grade: -Tested age grade: -

Materials: aluminium alloy+TPR

General information

Sample receipt date: 16-Oct-2024

Testing period: 16-Oct-2024 to 21-Oct-2024

Report date: 22-Oct-2024

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu

Chemical Laboratory Manager

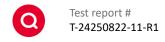


Result summary

At the request of the client, the following test were conducted:

Test(s) conducted	Conclusion
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII as amended, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DIBP, DnOP, DINP, DIDP)	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)	Pass





Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal) and/or CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2	3	4	5	6	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	500
Conclusion	Pass	Pass	Pass	Pass	Pass	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)





Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials

Test Method: ASTM F963-23 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2	3	4	5	6	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND	ND	ND	ND	ND	100
Conclusion	Pass	Pass	Pass	Pass	Pass	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15mg/kg)





Regulation (EC) No. 1907/2006 REACH Annex XVII as amended, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DIBP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	1+2			Limit	
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	(% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND			0.1
Benzyl Butyl Phthalate (BBP)	85-68-7	ND			0.1
Di-(2-Ethylhexyl) Phthalate (DEHP) 117-81-7		ND			0.1
Diisobutyl Phthalate (DIBP)	84-69-5	ND			0.1
Sum of DBP,	ND			0.1	
Di-n-Octyl Phthalate (DnOP)	117-84-0	ND			
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND			
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND			
Sum of D	ND			0.1	
	Pass				

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)





Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)

Test Method: AfPS GS 2019:01

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2				Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Benzo [a] pyrene (BaP)	50-32-8	ND				1
Benzo [e] pyrene (BeP)	192-97-2	ND				1
Benzo [a] anthracene (BaA)	56-55-3	ND				1
Chrysene (CHR)	218-01-9	ND				1
Benzo [b] fluroranthene (BbFA)	205-99-2	ND				1
Benzo [j] fluroranthene (BjFA)	205-82-3	ND				1
Benzo [k] fluroranthene (BkFA)	207-08-9	ND				1
Dibenzo [a,h] anthracene (DBAhA)	53-70-3	ND				1
Conclusion	<u> </u>	Pass				

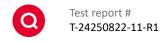
Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 0.2 mg/kg)





Specimen description

Specimen #	Specimen description	Location
1	Black plastic	Тор
2	Transparent plastic	Side gradienter
3	Silvery metal	Lobster clasp frame
4	Silvery metal	Ring
5	Silvery metal	Main body
6	Silvery metal	Side metal strip magnet



Pictures

Sample photo:





End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (https://www.qima.com/conditions-of-service#decisionRule). This test report may not be reproduced in whole or in part, without the written approval of QIMA (Hangzhou) Testing Co., Ltd.

