

Applicant: Mid Ocean Brands B.V.

Address: 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong

The following sample(s) and sample information was/were submitted and identified by client as:

Sample Name:

Token keyholder in bamboo

Model:

MO6797

Receiving Date:

14-Sep-2022

Test Period:

From 14-Sep-2022 to 23-Sep-2022

Add Information:

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Test Summary:

#	Test Item(s)	Reference Standard/Method	Result
1	Cadmium content -Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006	IEC 62321-5:2013, determined by AAS	PASS
2	Release of Nickel -Item 27 of Annex XVII of REACH Regulation (EC) 1907/2006	EN 12472:2020+A1:2009&EN 1811:2011+A1: 2015, determined by ICP-OES	PASS
3	Phthalate content (DIBP、DEHP、DBP、BBP、DINP、DIDP、DNOP) -Item 51&52 of Annex XVII of REACH Regulation (EC) 1907/2006.	EN 14372:2004 & IEC 62321- 8:2017, determined by GC-MS	PASS
4	Total Lead content -Item 63 of Annex XVII of REACH Regulation (EC) 1907/2006	IEC 62321-5:2013, determined by AAS	PASS
5	Formaldehyde - EN 71-9:2005+A1:2007	EN 717-3:1996, analyzed by Spectrophotometer(UV)	PASS

********************Please refer to the following page for detailed results*********

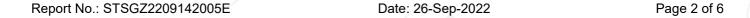
Signed for and on behalf of STS CHUNA TEST SERVICES

Tim Qi
(Technical Director)

e-mail: stsgz@stsapp.com

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Result:

Cadmium content -Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006 IEC 62321-5:2013, determined by AAS

Compound		Material 1	Limit (mg/kg)	RL (mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	1000	10
	Conclusion	PASS	-	-

Compound		Mat	Limit	RL	
	Compound	3	4	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	-	-

Remark(s): (a) RL: Report limit (b) N.D.: Not detected (result is less than RL

2. Release of Nickel -Item 27 of Annex XVII of REACH Regulation (EC) 1907/2006 EN 12472:2005+A1:2009(带镀层)&EN 1811:2011+A1: 2015, determined by ICP-OES

		I imale	RL (µg/cm²/		
Compound		Limit (μg/cm²/			
	Α	В	С	week)	week)
Sample area (cm²)	6.45	6.45	6.45	-	-
Volume of Test Solution (ml)	6.45	6.45	6.45	-	-
Result	N.D.	N.D.	N.D.	#	0.05
Conclusion		PASS		-	-

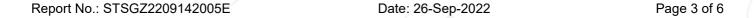
(a) µg/cm²/week:microgram per square centimeter per week Remark(s):

(b) RL: Report limit (c) N.D.: Not detected (result is less than RL)

1.Inserted into pierced parts of the human body Limit: 0.35µg/cm²/week

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2.Come into direct and prolonged contact with the skin Limit: 0.88µg/cm²/week

Phthalate content (DIBP, DEHP, DBP, BBP, DINP, DIDP, DNOP) - Item 51& 52 of Annex XVII of REACH Regulation (EC) 1907/2006 EN 14372:2004 & IEC 62321-8:2017, determined by GC-MS

		0	Mat	erial	Limit	RL	
Compound		1	3	(%)	(%)		
_1/	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	-	0.005	
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	-	0.005	
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	-	0.005	
4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	-	0.005	
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	- /	0.005	
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	-	0.005	
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	-	0.005	
8	Sum of	1, 2, 3 & 4	N.D.	N.D.	0.1	-	
9	Sum of	5, 6 & 7	N.D.	N.D.	0.1	- /	
	Conclu	sion	PASS	PASS	-	-	

Remark(s): (a) RL: Report limit

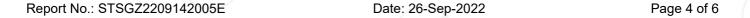
(b) N.D.: Not detected (result is less than RL)

Total Lead content -Item 63 of Annex XVII of REACH Regulation (EC) 1907/2006 IEC 62321-5:2013, determined by AAS

Compound		Material			Limit	RL
		1	3	4	(mg/kg)	(mg/kg)
1	Lead(Pb) CAS#7439-92-1	N.D.	N.D.	N.D.	500	10
	Conclusion	PASS	PASS	PASS	-	-

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Remark(s): (a) mg/kg: milligram per kilogram (b) RL: Report limit

(c) N.D.: Not detected (result is less than RL)

5. Formaldehyde - EN 71-9:2005+A1:2007

EN 717-3: 1996, analyzed by UV-Vis

	Compound	Result(s)	Limit	RL
	Compound	2	(mg/kg)	(mg/kg)
1	Formaldehyde	N.D.	80	10
	Conclusion	PASS	-	-

Remark(s): (a) mg/kg: milligrams per kilogram

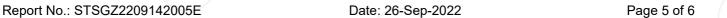
(b) RL: report limit

Material List:

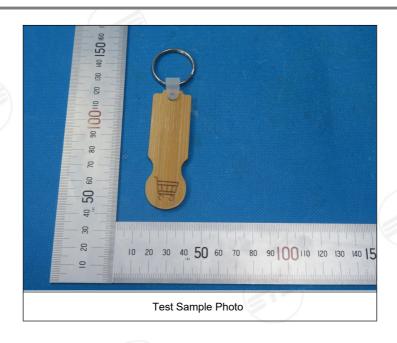
Material #	Position / Sample Description
1	Transparent coating,board
2	Brown wood,board
3	Translucent plastic,holder
4	Silvery metal,ring

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Photo(s):



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