

Report No.: STSGZ2305263065E Date: 8-Jun-2023 Page 1 of 6

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: Wooden egg timer

Model/Style/Item #: MO6963

Receiving Date: 26-May-2023, 5-Jun-2023

Test Period: From 26-May-2023 to 7-Jun-2023

Add Information:

Test Summary:

#	Test Item(s)	Reference Standard/Method	Result
1	Total Lead content - Item 63 of Annex XVII of REACH Regulation (EC) 1907/2006	IEC 62321-5:2013, determined by AAS	PASS
2	Cadmium content - Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006	IEC 62321-5:2013, determined by AAS	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	Polycyclic-aromatic hydrocarbons (PAHs) content Item 50 of Annex XVII of REACH Regulation (EC) 1907/2006 & amendment (EU) No 1272/2013	AfPS-GS-2019-01:PAK, determined by GC-MS	PASS
5	Formaldehyde - EN 71-9:2005+A1:2007	EN 717-3:1996, analyzed by Spectrophotometer(UV).	PASS

Signed for and on behalf of STS

Wark Mai

(Technical Director)

e-mail: stsgz@stsapp.com

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REPORT

Page 2 of 6 Report No.: STSGZ2305263065E Date: 8-Jun-2023

Result:

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

Compound		Mat	Limit	RL	
		1	2	(mg/kg)	(mg/kg)
1	Lead(Pb) CAS#7439-92-1	N.D.	N.D.	500	10
	Conclusion	PASS	PASS	-	-

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

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

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

	Commonad	Result(s)	Limit	RL
	Compound	2	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	1000	10
	Conclusion	PASS	-	-

	0		Result(s)		Limit	RL
Compound		3	4	5	(mg/kg)	(mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	-	-

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

(b) RL: Report limit

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

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Report No.: STSGZ2305263065E Date: 8-Jun-2023 Page 3 of 6

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

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

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

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

4. Polycyclic-aromatic hydrocarbons (PAHs) content - Item 50 of Annex XVII of REACH Regulation (EC) 1907/2006 & amendment (EU) No 1272/2013

AfPS-GS-2019-01:PAK, determined by GC-MS

	Compound Category II *1 2		Limit (mg/kg)	RL (mg/kg)
1	Benz[a]anthracene(BaA) CAS#56-55-3	N.D.	0.5	0.2
2	Chrysene(CHR) CAS#218-01-9	N.D.	0.5	0.2
3	Benz[b]fluoranthene(BbFA) CAS#205-99-2	N.D.	0.5	0.2

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Page 4 of 6 Report No.: STSGZ2305263065E Date: 8-Jun-2023

	Conclusion	PASS	-	-
8	Dibenz [a,h]anthracene (DBahA) CAS#53-70-3	N.D.	0.5	0.2
7	Benzo[e]pyrene(BeP) CAS#192-97-2	N.D.	0.5	0.2
6	Benzo[a]pyrene(BaP) CAS#50-32-8	N.D.	0.5	0.2
5	Benz[j]fluoranthene(BjFA) CAS#205-82-3	N.D.	0.5	0.2
4	Benz[k]fluoranthene(BkFA) CAS#207-08-9	N.D.	0.5	0.2

Remark:

- (a) mg/kg: milligram per kilogram (b) RL: Report limit
- (c) N.D.: Not detected (result is less than RL)
- 1: Material category

Category I: Articles come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use.

Category II: Toys, including activity toys, and childcare articles, that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use.

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

With reference to EN 717-3:1996, analyzed by UV Spectrophotometer (UV).

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

Remark:

- (a) mg/kg: milligram per kilogram
- (b) RL: Report limit
- (c) N.D.: Not detected (result is less than RL)

Material List:

Material #	Position / Sample Description
1	Brown wood,shell
2	Black coating,shell

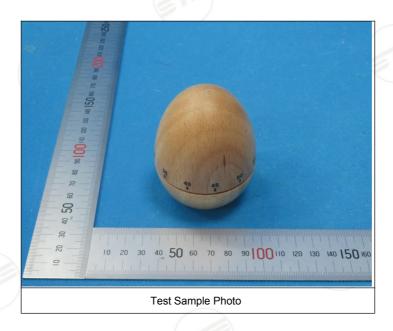
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Report No.: STSGZ2305263065E Date: 8-Jun-2023 Page 5 of 6

3	Black plastic,lid
4	Grey plastic,holder
5	White plastic,gear

Photo(s):

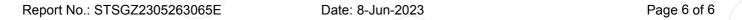




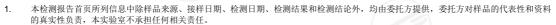
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