TEST REPORT

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: Ear plugs

Model/Style/Item #: MO9501

Receiving Date: 4-Nov-2021

Test Period: From 4-Nov-2021 to 8-Nov-2021

Add Information: -

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	Total Lead content -Item 63 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**

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

Signed for and on behalf of STS

Tim Qi
(Technical Director)

GUANGZHOU DEPUHUA TEST SERVICES CO., LTD
TESTING SERVICES

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Result:

1. Cadmium content -Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006

IEC 62321-5:2013, determined by AAS

Compound		Result(s)			Limit (mg/kg)	RL (mg/kg)
		3	4+5+6	7+8		
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)

2. Total Lead content -Item 63 of Annex XVII of REACH Regulation (EC) 1907/2006

IEC 62321-5:2013, determined by AAS

Compound		Result(s)				Limit (mg/kg)	RL (mg/kg)
		1+2	3	4+5+6	7+8		
1	Lead(Pb) CAS#7439-92-1	N.D.	N.D.	N.D.	N.D.	500	10
	Conclusion	**PASS**	**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)

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

Compound			Result(s)			Limit (%)	RL (%)
			3	4+5+6	7+8		
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	-	0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	-	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	-	0.005

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4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	-	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	-	0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0	N.D.	N.D.	N.D.	-	0.005
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	N.D.	-	0.005
8	Sum of 1, 2, 3 & 4		N.D.	N.D.	N.D.	0.1	-
9	Sum of 5, 6 & 7		N.D.	N.D.	N.D.	0.1	-
	Conclusion		**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		Material				Limit (mg/kg)	RL (mg/kg)
		category I*1					
		3	4+5	6+7	8		
1	Benz[a]anthracene(BaA) CAS#56-55-3	N.D.	N.D.	N.D.	N.D.	1	0.2
2	Chrysene(CHR) CAS#218-01-9	N.D.	N.D.	N.D.	N.D.	1	0.2
3	Benz[b]fluoranthene(BbFA) CAS#205-99-2	N.D.	N.D.	N.D.	N.D.	1	0.2
4	Benz[k]fluoranthene(BkFA) CAS#207-08-9	N.D.	N.D.	N.D.	N.D.	1	0.2
5	Benz[j]fluoranthene(BjFA) CAS#205-82-3	N.D.	N.D.	N.D.	N.D.	1	0.2
6	Benzo[a]pyrene(BaP) CAS#50-32-8	N.D.	N.D.	N.D.	N.D.	1	0.2
7	Benzo[e]pyrene(BeP) CAS#192-97-2	N.D.	N.D.	N.D.	N.D.	1	0.2
8	Dibenz [a,h]anthracene (DBahA) CAS#53-70-3	N.D.	N.D.	N.D.	N.D.	1	0.2
	Conclusion	**PASS**	**PASS**	**PASS**	**PASS**	**-**	**-**

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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.

Material List:

Material #	Position / Sample Description
1	Silvery metal,chain holder
2	Silvery metal,chain
3	Transparent plastic,box
4	Yellow foam,stopper
5	Red foam,stopper
6	White foam,stopper
7	Orange foam,stopper
8	Blue foam,stopper

Remark(s): The test material point is selected by client,the chemical test conclusions in the report only apply to the test material.

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Photo(s):

Product Photo

<<<<<< END OF REPORT >>>>>>

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