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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: Double wall high borosollicate glass with silicone lid

Vendor code: MO9927

Receiving Date: 15-Apr-2022,5-May-2022,17-May-2022,24-May-2022

Test Period: From 15-Apr-2022 to 26-May-2022

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	Extractable Lead, Cadmium - Regulation (EC) No 1935/2004, the Council of Europe Directive 84/500/EEC and its amendment 2005/31/EC	EN 1388-1:1995, determined by ICP-OES	PASS

Signed for and on behalf of STS RUNUA TEST SERVICES

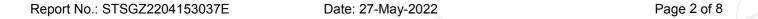
Tim Qi
(Technical Director)

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REPORT



#	Test Item(s)	Reference Standard/Method	Result
5	Overall Migration for Silicone Materials in Contact with Foodstuffs - Regulation (EC) No 1935/2004, the Council of Europe Resolution AP(2004)5	EN 1186-1:2002 & EN 1186-3:2002	PASS
6	Volatile Compounds Content for Silicone Materials in Contact with Foodstuffs– Regulation (EC) No 1935/2004, French Decree 2007- 766 and French Order 25/11/1992	Order 25/11/1992	PASS
7	Bisphenol A Contents – French Law No. 2012-1442	In-house Method, determined by LC-MS	PASS
8	Peroxide residues for Silicone Materials in Contact with Foodstuffs– Regulation (EC) No 1935/2004, French Decree 2007- 766 and French Order 25/11/1992	French pharmacopoeia	PASS
9	Bisphenol A Contents - Verification for label claim validity	In-house Method, determined by LC-MS	PASS
10	Overall Migration - Regulation (EC) No 1935/2004,French Decree 2007- 766 and French Order 25/11/1992	EN 1186-1:2002 & EN 1186-3:2002	PASS
11	Organotin Content for Silicone Materials in Contact with Foodstuffs - Regulation (EC) No 1935/2004,French Decree 2007- 766 and French Order 25/11/1992	EN 13130- 1:2004,determined by ICP- OES	PASS

Result:

Cadmium content IEC 62321-5:2013, determined by AAS

	Compound	Result(s)	Limit (mg/kg)	RL (mg/kg)
1	Cadmium (Cd) CAS#7440-43-9	N.D.	100	10
	Conclusion	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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2. **Total Lead content** IEC 62321-5:2013, determined by AAS

	Compound	Result(s)	Limit	RL
	Compound	1	(mg/kg)	(mg/kg)
1	Lead(Pb) CAS#7439-92-1	N.D.	500	10
	Conclusion	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) EN 14372:2004 & IEC 62321-8:2017, determined by GC-MS

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

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

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4. Extractable Lead, Cadmium - Regulation (EC) No 1935/2004, the Council of Europe Directive 84/500/EEC and its amendment 2005/31/EC

EN 1388-1:1995, determined by ICP-OES

Test Condition: 4% Acetic acid, 22℃, 24h

Took on a ification		Result(s)	Limit	RL
	Test specification	2	(mg/L)	(mg/L)
1	Lead (Pb)	N.D.	4.0	0.1
2	Cadmium (Cd)	N.D.	0.3	0.01
	Conclusion	PASS	-	-

Remark(s): (a) mg/L: milligram per litre

(b) RL: Report limit

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

5. Overall Migration for Silicone Materials in Contact with Foodstuffs - Regulation (EC) No 1935/2004, the Council of Europe Resolution AP(2004)5

EN 1186-1:2002 & EN 1186-3:2002

Test specification		Result(s)	Limit (mg/dm²)	RL (mg/dm²)
1	10% Ethanol, 70℃, 2h	N.D.	10	3
3	3% Acetic acid, 70 ℃ , 2h	N.D.	10	3
	Conclusion	PASS	-	-

Remark(s): (a) mg/dm²: milligram square decimetre

(b) RL: Report limit

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

6. Volatile Compounds Content Order 25/11/1992

Test condition: 200℃, 4h

	0	Material	Limit	RL
	Compound	1	(%)	(%)
1	Volatile Compounds	0.12	0.5	0.1
	Conclusion	PASS	-	-

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

7. Bisphenol A Contents

In-house Method, determined by LC-MS

	Compound	Material 1	Limit (mg/kg)	RL (mg/kg)
1	Bisphenol A	N.D.	Prohibit	0.1
	Conclusion	PASS	-	-

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

(b) RL: Report limit

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

8. Peroxide residues

French pharmacopoeia

	Compound	Material	Doguiroment
	Compound	1	Requirement
1	Peroxide residues	Negative	Negative
	Conclusion	PASS	-

Bisphenol A Contents- Verification for label claim validity In-house Method, determined by LC-MS

	Commonad	Material	Limit	RL
	Compound	1	(mg/kg)	(mg/kg)
1	Bisphenol A	N.D.	Prohibit	0.1
	Conclusion	PASS	-	-

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

(b) RL: Report limit

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Overall Migration - Regulation (EC) No 1935/2004, French Decree 2007-766 and French Order 25/11/1992 EN 1186-1:2002 & EN 1186-3:2002

	Test specification	Result(s)	Limit (mg/dm²)	RL (mg/dm²)
1	10% Ethanol, 70℃, 2h	N.D.	10	3
3	3% Acetic acid, 70 °C , 2h	N.D.	10	3
	Conclusion	PASS	-	-

Remark(s): (a) mg/dm²: milligram square decimetre

(b) RL: Report limit

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

Organotin Content for Silicone Materials in Contact with Foodstuffs 11. EN 13130-1:2004, determined by ICP-OES

Test condition:3% Acetic acid,70°C, 2h

Commonad		Material		Limit	RL
	Compound	1		(mg/kg)	(mg/kg)
1	Organotin(as Sn)	N.D.		0.1	0.01
	Conclusion	PASS		-	-

Remark(s): (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	Black silicone, lid
2	Transparent glass,cup

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Photo(s):



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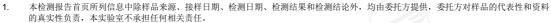


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