



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Reference No. : WTF19F05028868X1C

Applicant : Mid Ocean Brands B.V.

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

Manufacturer : 104438

Sample Name : Classic wine set in wooden box, Wine set in black gift box, Wine set in wine box, Wine set in wooden box, Wine set in tin box, Wine set in bamboo box, Wine set in large bamboo box, Cheese and wine set, 3pcs wine set in cork box, 4pcs wine set in cork set, Wine box include 4pcs wine set

Model No. : IT2658, KC1202, KC2690, MO7843, MO8147, MO8293, KC6439, MO8416, MO9715, MO9716, MO9717

Test Requested : In accordance with Council of Europe Resolution CM/Res(2013)9, Council of Europe Resolution AP(2004)5, Council of Europe Resolution 84/500/EC (2005/31/EC) and Regulation (EC) No 1935/2004.

Test Conclusion : **Pass** (Please refer to next pages for details)

Date of Receipt sample : 2018-05-09 & 2019-05-09

Date of Test : 2018-05-09 to 2019-05-16

Date of Issue : 2019-05-22

Test Result : Please refer to next page (s)

Remark :
1. As per client's requirement, the results from No.1 to No.5 were quoted from Report No. WTF18F05110868A3X2C.
2. This report is based on Waltek test report WTF19F05028868C for revising, and replaced report WTF19F05028868C.

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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**Test Results:****1. Council of Europe Resolution CM/Res(2013)9-Specific Migration of Heavy Metal**

Test Items	1st+2nd Migration (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
	No.1	No.4	No.5		
Aluminium (Al)	ND	ND	ND	0.2	35
Antimony (Sb)	ND	ND	ND	0.02	0.28
Chromium (Cr)	0.06	ND	ND	0.04	1.75
Cobalt (Co)	ND	ND	ND	0.02	0.14
Copper (Cu)	ND	ND	ND	0.2	28
Iron (Fe)	2.4	0.7	3.3	0.4	280
Manganese (Mn)	ND	ND	ND	0.2	12.6
Molybdenum (Mo)	ND	ND	ND	0.02	0.84
Nickel (Ni)	ND	ND	0.08	0.02	0.98
Silver (Ag)	ND	ND	ND	0.02	0.56
Tin (Sn)	ND	ND	ND	0.2	700
Vanadium (V)	ND	ND	ND	0.01	0.07
Zinc (Zn)	ND	ND	ND	0.2	35
Arsenic (As)	ND	ND	ND	0.002	0.014
Barium (Ba)	ND	ND	ND	0.2	8.4
Beryllium (Be)	ND	ND	ND	0.01	0.07
Cadmium (Cd)	ND	ND	ND	0.002	0.035
Lead (Pb)	ND	ND	ND	0.01	0.07
Lithium (Li)	ND	ND	ND	0.01	0.336
Mercury (Hg)	ND	ND	ND	0.002	0.021
Thallium (Tl)	ND	ND	ND	0.0002	0.0007
Magnesium (Mg)	ND	ND	ND	0.2	--
Titanium (Ti)	ND	ND	ND	0.02	--



Test Items	3rd Migration (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
	No.1	No.4	No.5		
Aluminium (Al)	ND	ND	ND	0.1	5
Antimony (Sb)	ND	ND	ND	0.01	0.04
Chromium (Cr)	ND	ND	ND	0.02	0.25
Cobalt (Co)	ND	ND	ND	0.01	0.02
Copper (Cu)	ND	ND	ND	0.1	4
Iron (Fe)	ND	ND	ND	0.2	40
Manganese (Mn)	ND	ND	ND	0.1	1.8
Molybdenum (Mo)	ND	ND	ND	0.01	0.12
Nickel (Ni)	ND	ND	ND	0.01	0.14
Silver (Ag)	ND	ND	ND	0.01	0.08
Tin (Sn)	ND	ND	ND	0.1	100
Vanadium (V)	ND	ND	ND	0.005	0.01
Zinc (Zn)	ND	ND	ND	0.1	5
Arsenic (As)	ND	ND	ND	0.001	0.002
Barium (Ba)	ND	ND	ND	0.1	1.2
Beryllium (Be)	ND	ND	ND	0.005	0.01
Cadmium (Cd)	ND	ND	ND	0.001	0.005
Lead (Pb)	ND	ND	ND	0.005	0.01
Lithium (Li)	ND	ND	ND	0.005	0.048
Mercury (Hg)	ND	ND	ND	0.001	0.003
Thallium (Tl)	ND	ND	ND	0.0001	0.0001
Magnesium (Mg)	ND	ND	ND	0.1	--
Titanium (Ti)	ND	ND	ND	0.01	--

Note:

1. Test Method: With reference to BS EN 13130-1: 2004, analysis was performed by ICP-OES and ICP-MS.
2. Test Condition and simulant: Sample(s) were migrated with 5g/L citric acid at 40°C for 24 hours.
3. "mg/kg" = milligram per kilogram of foodstuff in contact with
4. MDL = Method Detection Limit
5. ND = Not Detected, less than MDL
6. "--" = Not regulated
7. The specification was quoted from Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9.



Test Items	1st+2nd Migration (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	No.6		
Aluminium (Al)	ND	0.2	35
Antimony (Sb)	ND	0.02	0.28
Chromium (Cr)	ND	0.04	1.75
Cobalt (Co)	ND	0.02	0.14
Copper (Cu)	ND	0.2	28
Iron (Fe)	ND	0.4	280
Manganese (Mn)	ND	0.2	12.6
Molybdenum (Mo)	ND	0.02	0.84
Nickel (Ni)	ND	0.02	0.98
Silver (Ag)	ND	0.02	0.56
Tin (Sn)	ND	0.2	700
Vanadium (V)	ND	0.01	0.07
Zinc (Zn)	ND	0.2	35
Arsenic (As)	ND	0.002	0.014
Barium (Ba)	ND	0.2	8.4
Beryllium (Be)	ND	0.01	0.07
Cadmium (Cd)	ND	0.002	0.035
Lead (Pb)	ND	0.01	0.07
Lithium (Li)	ND	0.01	0.336
Mercury (Hg)	ND	0.002	0.021
Thallium (Tl)	ND	0.0002	0.0007
Magnesium (Mg)	ND	0.2	--
Titanium (Ti)	ND	0.02	--



Test Items	3rd Migration (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	No.6		
Aluminium (Al)	ND	0.1	5
Antimony (Sb)	ND	0.01	0.04
Chromium (Cr)	ND	0.02	0.25
Cobalt (Co)	ND	0.01	0.02
Copper (Cu)	ND	0.1	4
Iron (Fe)	ND	0.2	40
Manganese (Mn)	ND	0.1	1.8
Molybdenum (Mo)	ND	0.01	0.12
Nickel (Ni)	ND	0.01	0.14
Silver (Ag)	ND	0.01	0.08
Tin (Sn)	ND	0.1	100
Vanadium (V)	ND	0.005	0.01
Zinc (Zn)	ND	0.1	5
Arsenic (As)	ND	0.001	0.002
Barium (Ba)	ND	0.1	1.2
Beryllium (Be)	ND	0.005	0.01
Cadmium (Cd)	ND	0.001	0.005
Lead (Pb)	ND	0.005	0.01
Lithium (Li)	ND	0.005	0.048
Mercury (Hg)	ND	0.001	0.003
Thallium (Tl)	ND	0.0001	0.0001
Magnesium (Mg)	ND	0.1	--
Titanium (Ti)	ND	0.01	--

Note:

1. Test Method: With reference to BS EN 13130-1: 2004, analysis was performed by ICP-OES and ICP-MS.
2. Test Condition and simulant: Sample(s) were migrated with artificial tap water at 20°C for 24 hours.
3. "mg/kg" = milligram per kilogram of foodstuff in contact with
4. MDL = Method Detection Limit
5. ND = Not Detected, less than MDL
6. "--" = Not regulated
7. The specification was quoted from Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9.

**2. Overall Migration Test**

Food Simulant	Test Condition	Result (mg/kg)	MDL(mg/kg)	Limit (mg/kg)
		No.2		
3% Acetic Acid	40°C for 24 hours	ND	20	60
50% Ethanol	40°C for 24 hours	ND	20	60

Note:

1. Test method: With reference to BS EN 1186-1: 2002, BS EN 1186-3: 2002, BS EN 1186-9: 2002 and BS EN1186-14: 2002.
2. "mg/kg" = milligram per kilogram of foodstuff in contact with
3. "°C" = Celsius degree
4. MDL= Method Detection Limit
5. ND = Not Detected, less than MDL
6. The specification was quoted from Council of Europe Resolution AP (2004)5.

3. Extractable Lead and Cadmium Content

Test Items	Result (mg/dm ²)	MDL (mg/dm ²)	Limit (mg/dm ²)
	No.3		
Extractable Lead	ND	0.1	0.8
Extractable Cadmium	ND	0.01	0.07

Note:

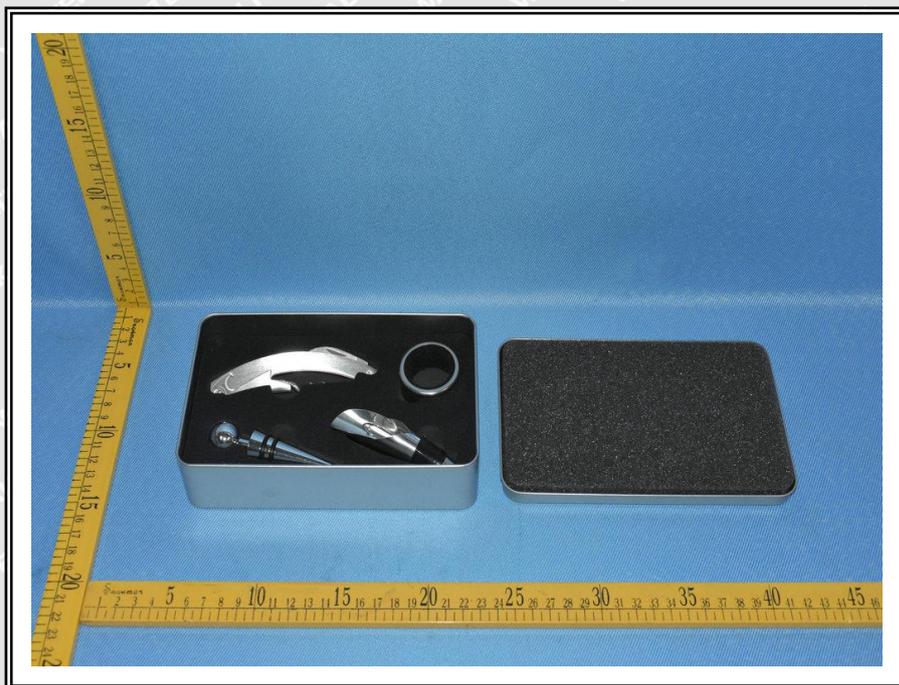
1. Test method: With reference to BS EN 1388-1: 1996 and BS EN 1388-2: 1996, sample preparation in 4% acetic acid at 22±2°C for 24 hours, analysis was performed by ICP-OES.
2. "mg/dm²" = milligram per square decimetre
3. MDL= Method Detection Limit
4. ND = Not Detected, less than MDL
5. The specification was quoted from 84/500/EC (2005/31/EC).

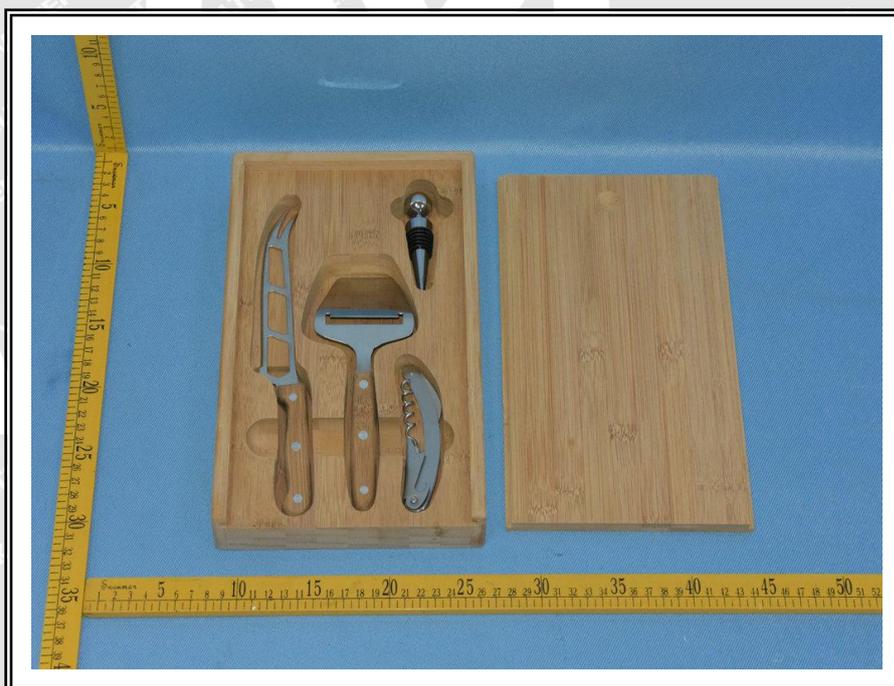


Sample Photo:









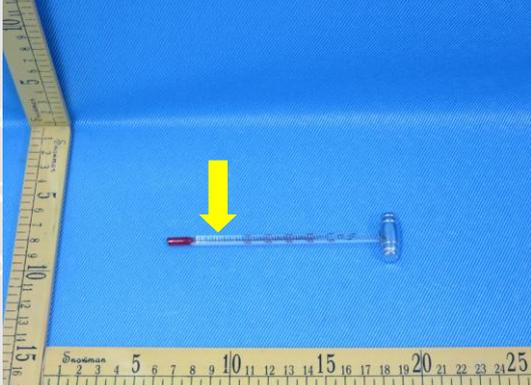




Photograph of parts tested:

No.	Photo of testing part	Parts Description	Client Claimed Material
1		Silvery metal	Metal
2		Black silicone rubber	Silicone rubber



No.	Photo of testing part	Parts Description	Client Claimed Material
3		Transparent glass	Glass
4		Silvery metal	Stainless steel
5		Silvery metal	Metal
6		Silvery metal	Copper alloy

===== End of Report =====