



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Reference No. : WTF18F07118134C

Applicant : Mid Ocean Brands B.V.

Address : Unit 201 2/F., Laford Centre, 838 Lai Chi Kok Road, Cheung Sha Wan, Kowloon, Hong Kong.

Manufacturer : 111034

Sample Name : Wine decanter with holder

Model No. : MO8444

Test Requested : According to client's requirement, with reference to German Food, Articles of Daily Use and Feed Code of September 1, 2005(LFGB) Section 30 & 31, Council of Europe Resolution CM/Res(2013)9 and Regulation (EC) No 1935/2004, test the specific items.

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

Date of Receipt sample : 2018-07-16

Date of Test : 2018-07-16 to 2018-08-02

Date of Issue : 2018-08-06

Test Result : Please refer to next page (s)

Remark : Selected test(s) as requested by applicant.

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.

Prepared By:

Waltek Services (Foshan) Co., Ltd.

Address: No. 13-19, 2/F, 2nd Building, Sunlink International Machinery City, Chencun Town, Shunde District, Foshan, Guangdong, China

Tel :+86-757-23811398

Fax:+86-757-23811381

Compiled by:

Abby.Zhou

Abby.Zhou / Project Engineer

Approved by:



Ding Zhang
Ding Zhang / Lab Manager

**Test Results:****1. Overall Migration Test**

Food Simulant	Test Condition	Result (mg/dm ²)		MDL (mg/dm ²)	Limit (mg/dm ²)
		No.1	No.3		
3% Acetic Acid	70°C for 2 hours	ND	ND	3	10
50% Ethanol	70°C for 2 hours	ND	ND	3	10

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/dm²" = milligram per square decimetre
3. "°C" = Celsius degree
4. MDL= Method Detection Limit
5. ND = Not Detected, less than MDL
6. The specification was quoted from (EU) No 10/2011 and its amendments (EU) 2016/1416 and (EU) 2017/752.

2. Specific Migration of heavy metal (Nickel, Aluminium, Barium, Cobalt, Copper, Iron, Lithium, Manganese, Zinc)

Test Items	Result (mg/kg)		MDL (mg/kg)	Limit (mg/kg)
	No.1	No.3		
Specific migration of Nickel*	ND	ND	0.01	0.02
Specific migration of Aluminium*	ND	ND	0.1	1
Specific migration of Barium	ND	ND	0.1	1
Specific migration of Cobalt	ND	ND	0.01	0.05
Specific migration of Copper	ND	ND	0.1	5
Specific migration of Iron	ND	ND	0.1	48
Specific migration of Lithium	ND	ND	0.01	0.6
Specific migration of Manganese	ND	ND	0.01	0.6
Specific migration of Zinc	ND	ND	0.1	5

Note:

1. Test Method: With reference to BS EN 13130-1: 2004, sample preparation in 3% acetic acid at 70°C for 2 hours, analysis was performed by ICP-OES.
2. "mg/kg" = milligram per kilogram of foodstuff in contact with
3. MDL= Method Detection Limit
4. ND = Not Detected, less than MDL
5. The specification was quoted from (EU) No 10/2011 and its amendments (EU) 2016/1416 and (EU) 2017/752.
6. The testing item marked with "*" does not been accredited by CNAS.

Waltek Services (Foshan) Co., Ltd.

<http://www.waltek.com.cn>

**3. Specific Migration of Primary Aromatic Amines**

Test Item	Result (mg/kg)		MDL (mg/kg)	Limit (mg/kg)
	No.1	No.3		
Migration of Primary aromatic amines	ND	ND	0.01	Not Detected (<0.01mg/kg)

Note:

1. Test Method: With reference to § 64 LFGB L No. 00.00-6, analysis was performed by UV-visible Spectrometer.
2. Test Condition and simulant: 3% acetic acid at 70°C for 2 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. The specification was quoted from (EU) No 10/2011 and its amendments (EU) 2016/1416 and (EU) 2017/752.

4. Specific Migration of Acrylonitrile

Test Item	Result (mg/kg)		MDL (mg/kg)	Limit (mg/kg)
	No.1	No.3		
Migration of Acrylonitrile	ND	ND	0.01	Not Detected (<0.01mg/kg)

Note:

1. Test Method: With reference to EN 13130-1: 2004, sample preparation in 3% acetic acid at 70°C for 2 hours, analysis was performed by HS-GC-MS.
2. "mg/kg" = milligram per kilogram of foodstuff in contact with
3. MDL= Method Detection Limit
4. ND = Not Detected, less than MDL
5. The specification was quoted from (EU) No 10/2011.

**5. 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.2		
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)	1.8	0.4	280
Manganese (Mn)	ND	0.2	12.6
Molybdenum (Mo)	ND	0.02	0.84
Nickel (Ni)	0.04	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.2		
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 5g/L citric acid at 70°C for 2 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.





Sample Photo:



Photograph of parts tested:

No.	Photo of testing part	Parts Description	Client Claimed Material
1		Black plastic	ABS



No.	Photo of testing part	Parts Description	Client Claimed Material
2		Silvery metal	Stainless steel
3		Transparent plastic	AS

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

WALTEK