

# TEST REPORT

**Applicant** : Mid Ocean Hong Kong Ltd.  
**Address** : 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan,  
Kowloon, HongKong  
**Sample description** : KC4298 Cocktail Set  
**Item no.** : KC4298  
**Sample received date** : 10-Dec-2024  
**Turn around time** : 10-Dec-2024 To 23-Dec-2024

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Total Lead Content	REACH Annex XVII, Entry 63	Pass
Specific Release of Heavy Metals	European Directorate for the Quality of Medicines & Healthcare (EDQM)- Technical Guide on Metals and alloys used in food contact materials and articles (2nd Edition,2024)	Pass

**Eurofins (Shanghai) contact information**

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\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
Eurofins MTS Consumer Product Testing (Shanghai) Co., Ltd.

Linda Jin

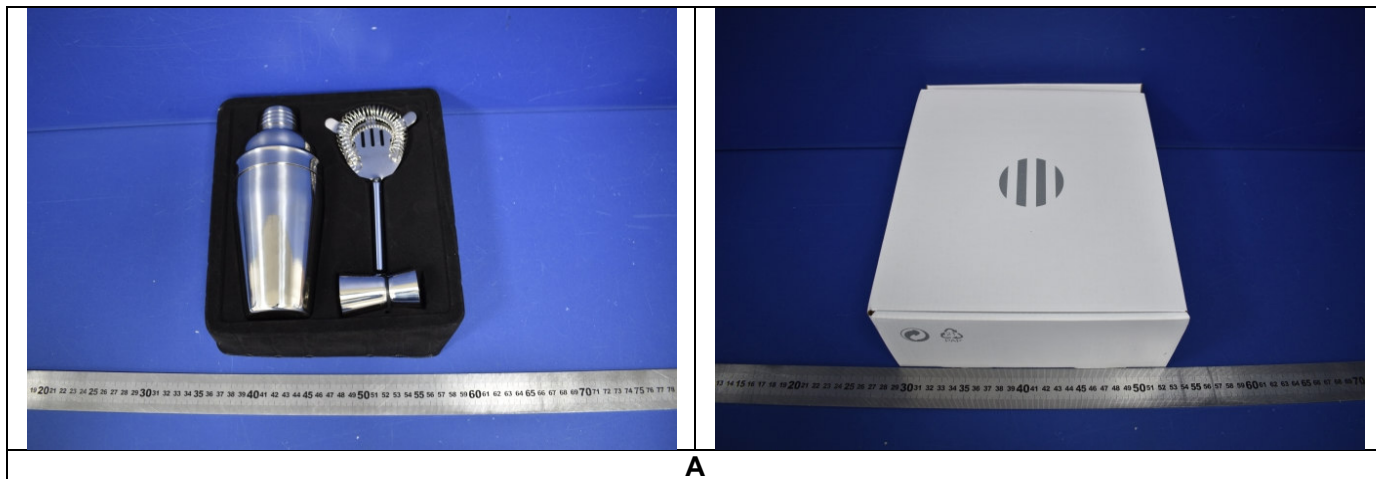
Linda Jin  
Assistant Lab Manager CG



*Samples are obtained by express delivery, Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins MTS Consumer Product Testing (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to [info.sh@cpt.eurofinscn.com](mailto:info.sh@cpt.eurofinscn.com) and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins MTS Consumer Product Testing (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to [info.sh@cpt.eurofinscn.com](mailto:info.sh@cpt.eurofinscn.com) and referring to this report number.*



**SAMPLE PHOTO(S)**



A

**EFW524121806-CG-01**

\*\*\*TO BE CONTINUED\*\*\*

**COMPONENT LIST**

Component No.	Component	Sample No.
1	Silver metal	A
2	Silver metal pot body inner wall	A

\*\*\*TO BE CONTINUED\*\*\*

## **TEST RESULT**

### **Total Lead Content**

Test Request: Total lead content as specified in entry 63 of annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 2015/628.

Test Method: EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996, acid digestion/ microwave digestion method was used, analysis was performed by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result
				1
Lead (Pb)	mg/kg	500	10	ND

### **Remark:**

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Specific Release of Heavy Metals

Test Request: To determine specific release of heavy metals for compliance with CM/Res(2013)9 relating to metals and alloys used in food contact materials and articles.

Test Method: With reference to CM/Res(2013)9 for sample preparation and test condition selection, analysis was performed by ICP-MS.

Simulant Used: 0.5% Citric acid

Test Condition: 2h at 70° C

Test Item(s)	Unit	MDL	Result			
			1			
			1 <sup>st</sup> + 2 <sup>nd</sup> Migration		3 <sup>rd</sup> Migration	
			Result	7xSRL <sup>*2</sup>	Result	SRL <sup>*1</sup>
Aluminum (Al)	mg/kg	0.5	ND	35	ND	5
Antimony (Sb)	mg/kg	0.01	ND	0.28	ND	0.04
Chromium (Cr)	mg/kg	0.05	ND	7	ND	1
Cobalt (Co)	mg/kg	0.005	ND	0.14	ND	0.02
Copper (Cu)	mg/kg	0.5	ND	28	ND	4
Iron (Fe)	mg/kg	5	33.0	280	ND	40
Manganese (Mn)	mg/kg	0.01	0.0693	3.85 <sup>*4</sup>	ND	0.55 <sup>*4</sup>
Molybdenum (Mo)	mg/kg	0.01	ND	0.84	ND	0.12
Nickel (Ni)	mg/kg	0.01	0.0193	0.98	ND	0.14
Silver (Ag)	mg/kg	0.01	ND	0.56	ND	0.08
Tin <sup>*3</sup> (Sn)	mg/kg	5	ND	700	ND	100
Vanadium (V)	mg/kg	0.001	ND	0.07	ND	0.01
Zinc (Zn)	mg/kg	0.5	ND	35	ND	5
Arsenic (As)	mg/kg	0.0005	ND	0.014	ND	0.002
Barium (Ba)	mg/kg	0.1	ND	8.4	ND	1.2
Beryllium (Be)	mg/kg	0.001	ND	0.07	ND	0.01
Cadmium (Cd)	mg/kg	0.001	ND	0.035	ND	0.005
Lead (Pb)	mg/kg	0.001	ND	0.07	ND	0.01
Lithium (Li)	mg/kg	0.005	ND	0.336	ND	0.048
Mercury (Hg)	mg/kg	0.0005	ND	0.021	ND	0.003
Thallium (Tl)	mg/kg	0.0002	ND	0.007	ND	0.001
Zirconium (Zr)	mg/kg	0.1	ND	14	ND	2
Magnesium (Mg)	mg/kg	0.1	ND	-	ND	-
Titanium (Ti)	mg/kg	0.1	ND	-	ND	-

\*\*\*TO BE CONTINUED\*\*\*

## **TEST RESULT**

**Remark:**

- (1) mg/kg =milligram per kilogram
- (2) MDL = method detection limit
- (3) ND = not detected (<MDL)
- (4) SRL = Specific Release Limit
- (5) Test condition & simulant were specified by client.
- (6) \*1 Compliance is established on the result from the third migration test for repeated used articles.
- (7) \*2 Meantime, the sum of the results of the first and second tests should not exceed 7 times the SRL
- (8) \*3 Except in field of application under Commission Regulation (EU) 2023/915
- (9) \*4 SRL:0.07 mg/kg and 7xSRL:0.49 mg/kg particularly for materials and articles intended for contact with milk, milk products and other non-alcoholic drinks as well as any food especially intended for infants and toddlers; SRL:0.55 mg/kg and 7xSRL:3.85 mg/kg for the others.

\*\*\*END OF THE REPORT\*\*\*