中国认可
国际互认
检测
TESTING
CNAS L6478

TEST REPORT

Reference No.	:	WTF19F05028866C
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, Corks crew/waiter's knife, 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, KC4105, KC4268, MO8322, MO9715, MO9716, MO9717
Test Requested	:	1) Determination of Lead content in the submitted sample in accordance with REACH regulation Annex XVII Entries 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628 2) Determination of Cadmium content in the submitted sample in accordance with REACH regulation Annex XVII Entries 23 (EC) No. 1907/2006 and the amendment No. 552/2009, No. 494/2011, No. 835/2012 and (EU) 2016/217 3) Determination of specified Phthalates content according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 4) As specified by applicant, to determine Bisphenol A content in the submitted sample 5) As specified by client, determination of the free formaldehyde content in submitted sample
Test Method	:	Please refer to next page (s)
Test Conclusion	:	Please refer to next page (s)
Date of Receipt sample	:	2018-05-08 & 2018-06-12 & 2018-06-25 & 2018-09-19 & 2019-05-09
Date of Test	:	2018-05-08 to 2018-06-27 & 2018-09-19 to 2018-09-21 & 2019-05-09 to 2019-05-14
Date of Issue	:	2019-05-15
Test Result	:	Please refer to next page (s)
Note	:	As per client's requirement, the results of specimen from No.1 to No.28 were quoted from Report No. WTF18F09124504X2C

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 reporter and reviewer.

Prepared By:

Waltek Services (Foshan) Co., Ltd.

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

Tel:+86-757-23811398 Fax:+86-757-23811381 E-mail:info@waltek.com.cn

Compiled by: Swing Liang

Swing.Liang /Project Engineer

Approved by: Dino Zhang

Dino.Zhang /Lab Manager

Test Result:

1) Lead (Pb)

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Test Item	MDL (mg/kg)	Results (mg/kg)					Limit (mg/kg)
		No.1	No.2	No.3	No.4	No.5	
Lead(Pb)	2	ND	56	ND	ND	ND	500
Conclusion	--	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	--

Test Item	MDL (mg/kg)	Results (mg/kg)					Limit (mg/kg)
		No.6	No.7	No.8	No.9	No.10	
Lead(Pb)	2	ND	30	322	ND	ND	500
Conclusion	--	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	--

Test Item	MDL (mg/kg)	Results (mg/kg)					Limit (mg/kg)
		No.11	No.12	No.13	No.14	No.15	
Lead(Pb)	2	164	ND	ND	ND	ND	500
Conclusion	--	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	--

Test Item	MDL (mg/kg)	Results (mg/kg)					Limit (mg/kg)
		No.16	No.17	No.18	No.19	No.20	
Lead(Pb)	2	ND	ND	ND	ND	ND	500
Conclusion	--	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	--

Test Item	MDL (mg/kg)	Results (mg/kg)				Limit (mg/kg)
		No.21	No.22	No.23	No.24	
Lead(Pb)	2	ND	ND	ND	ND	500
Conclusion	--	**Pass**	**Pass**	**Pass**	**Pass**	--

Test Item	MDL (mg/kg)	Results (mg/kg)				Limit (mg/kg)
		No.25	No.26	No.27	No.28	
Lead(Pb)	2	ND	ND	ND	ND	500
Conclusion	--	**Pass**	**Pass**	**Pass**	**Pass**	--

Test Item	MDL (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		No.29	No.30	No.31	
Lead(Pb)	2	33	ND	ND	500
Conclusion	--	**Pass**	**Pass**	**Pass**	--

Test Item	MDL (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		No.32	No.33	No.34	
Lead(Pb)	2	153	ND	ND	500
Conclusion	--	**Pass**	**Pass**	**Pass**	--

Note:
(1) mg/kg = milligram per kilogram
(2) ND = Not Detected (lower than MDL)
(3) MDL = Method Detection Limit
(4) Limit of Lead was quoted from REACH regulation Annex XVII Item 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628.

2) Cadmium (Cd)
Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Test Item	MDL (mg/kg)	Results (mg/kg)					
		No.1	No.9	No.10	No.12	No.23	No.24
Cadmium(Cd)	2	13	ND	ND	ND	ND	ND
Conclusion	--	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**

Test Item	MDL (mg/kg)	Results (mg/kg)	
		No.30	No.31
Cadmium(Cd)	2	ND	ND
Conclusion	--	**Pass**	**Pass**

Note:
(1) mg/kg = milligram per kilogram
(2) ND = Not Detected (lower than MDL)
(3) MDL = Method Detection Limit
(4) Limit of Cadmium according to REACH regulation Annex XVII Item 23 (EC) No. 1907/2006 and the amendment No. 552/2009, No. 494/2011 and No. 835/2012 and (EU) 2016/217.

Category	Limit (mg/kg)
Wet paint	100
Surface coating	1000
Plastic	100
Metal parts of jewellery and hair accessories	100

3) Phthalates

Test Method: With reference to EN14372:2004, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Items	BBP	DBP	DEHP	DIDP	DINP	DNOP	--
MDL (%)	0.005	0.005	0.005	0.01	0.01	0.005	--
Limit (%)	sum of three phthalates < 0.1			sum of three phthalates < 0.1			--
Specimen No.	Result (%)						Conclusion
No.1	ND	ND	ND	ND	ND	ND	Pass

Note:

DBP= Dibutyl phthalate BBP= Benzyl butyl phthalate DEHP= Bis-(2-ethylhexyl)- phthalate
DINP= Di-isononyl phthalate DNOP= Di-n-octyl phthalate DIDP= Di-isodecyl phthalate

(1) % = percentage by weight
(2) ND = Not detected or Less than the method detection limit
(3) MDL=Method Detection Limit
(4) "<" = less than
(5) The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009(formerly known as Directive 2005/84/EC) for phthalate content in toys and child care articles.

4) BPA

Test Method: With reference to US EPA 3540C-1996, analysis was performed by GC-MS.

Test Item	Unit	MDL	Result	Client's Limit
			No.1	
Bisphenol A*	mg/kg	0.1	ND	0.1
Conclusion	--	--	Pass	--

Note:

(1) ND = Not Detected (less than MDL)
(2) MDL= Method Detection Limit
(3) mg/kg= Milligram per kilogram
(4) The testing item marked with '*' does not been accredited by CNAS

5) Formaldehyde

Test Method: With reference to EN 717-3:1996, analysis was performed by UV-VIS

Test Item	Unit	Result		MDL	Client's Limit
		No.13	No.19		
Formaldehyde (CH_2O)	mg/kg	44	ND	10	80
Conclusion	--	**Pass**	**Pass**	--	--

Test Item	Unit	Result	MDL	Client's Limit
		No.34		
Formaldehyde (CH_2O)	mg/kg	ND	10	80
Conclusion	--	**Pass**	--	--

Note:

(1) ND = Not detected or less than the method detection limit

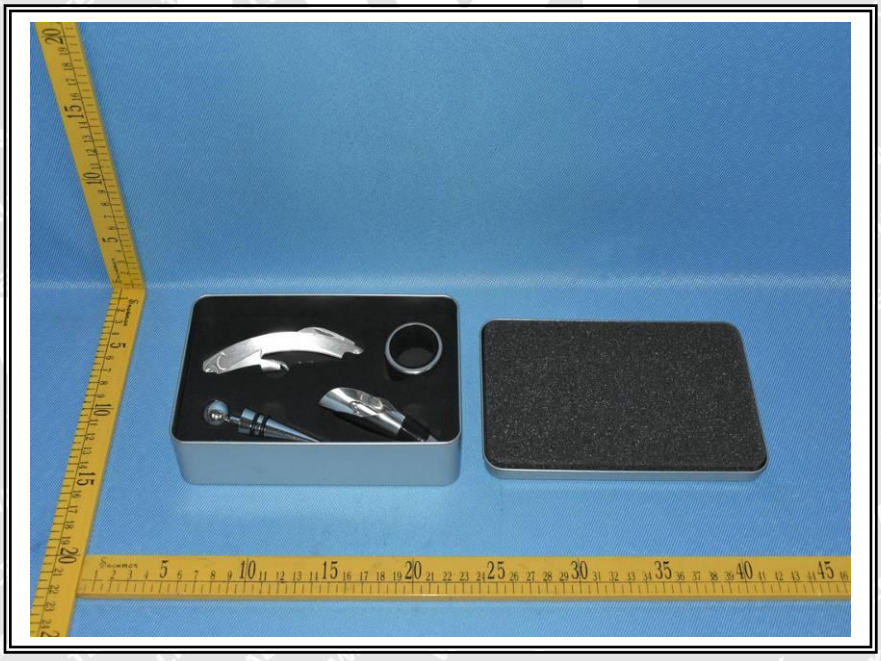
(2) mg/kg =milligram per kilogram=ppm

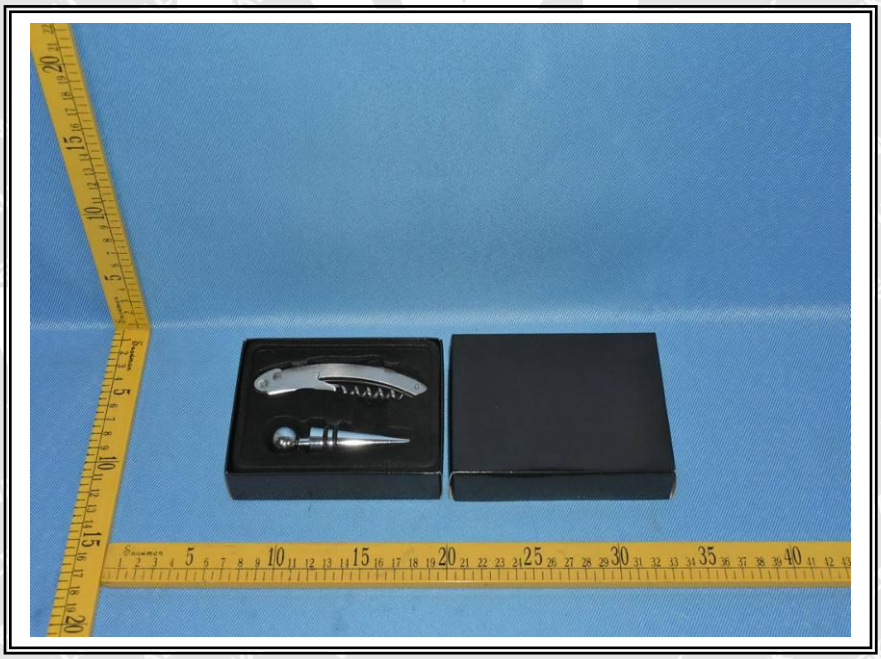
(3) MDL= Method Detection Limit

Test Specimen Description:

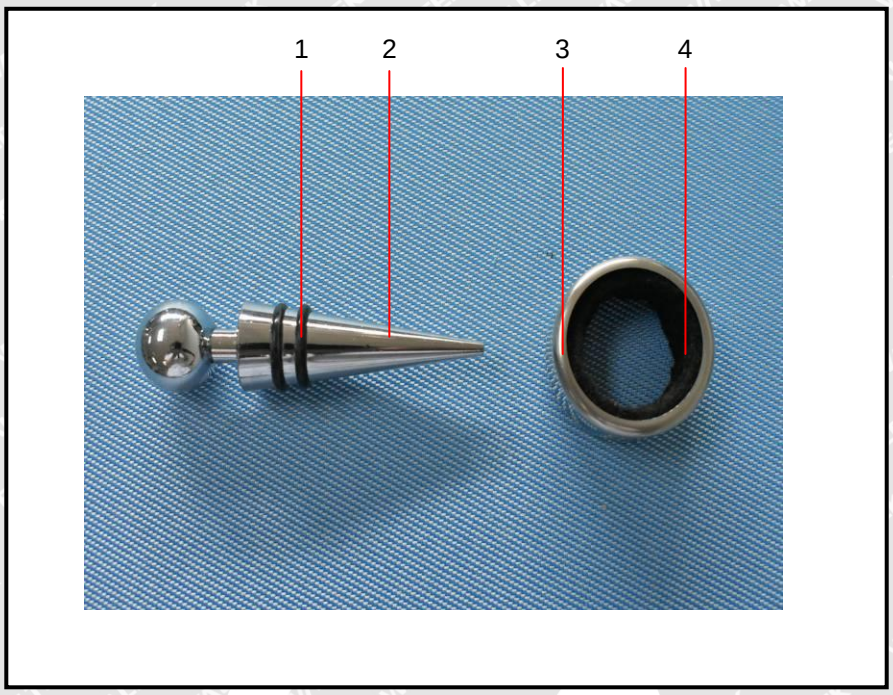
No.1: Black silicone ring
No.2: Silvery metal stopper
No.3: Silvery metal ring
No.4: Black fabric
No.5: Silvery metal rivet
No.6: Silvery metal knife
No.7: Silvery metal handle
No.8: Transparent glass with red printing
No.9: Black sponge
No.10: Black EVA
No.11: Golden metal block
No.12: Red coating
No.13: Beige wooden box without red coating
No.14: Golden metal buckle
No.15: Golden metal screw
No.16: Silvery metal rivet
No.17: Silvery metal handle
No.18: Silvery metal box
No.19: Beige bamboo box
No.20: Silvery metal buckle
No.21: Silvery metal screw
No.21: Silvery metal sheet
No.23: Yellow EVA
No.24: Black plastic handle
No.25: Silvery metal rivet
No.26: Silvery metal handle with black coating
No.27: Silvery metal handle with black coating
No.28: Silvery metal sheet
No.29: Silvery metal stopper
No.30: Black sponge
No.31: Black sponge
No.32: Transparent glass
No.33: Golden metal lock
No.34: Brown cork

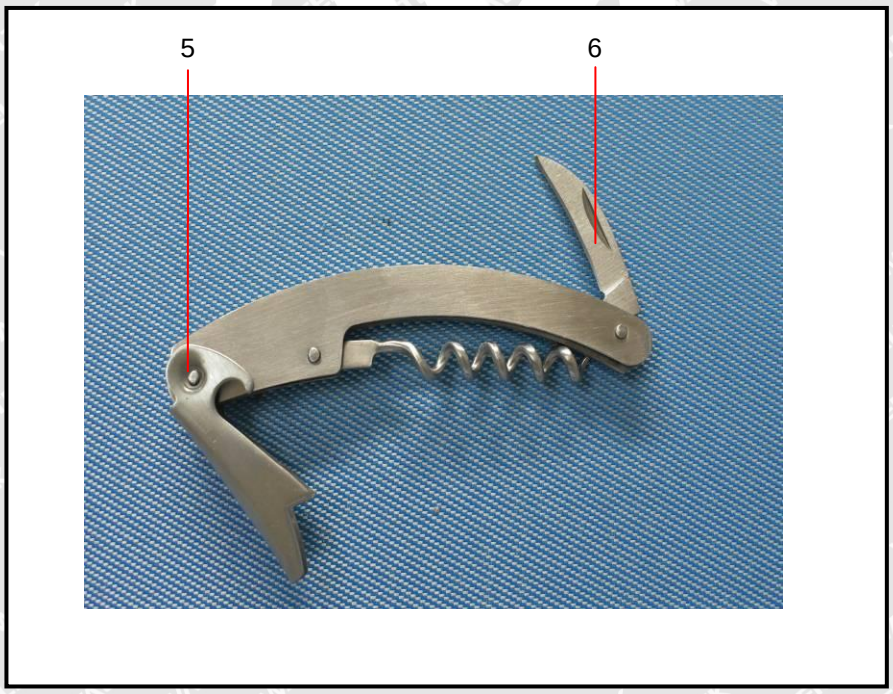
Sample photo:

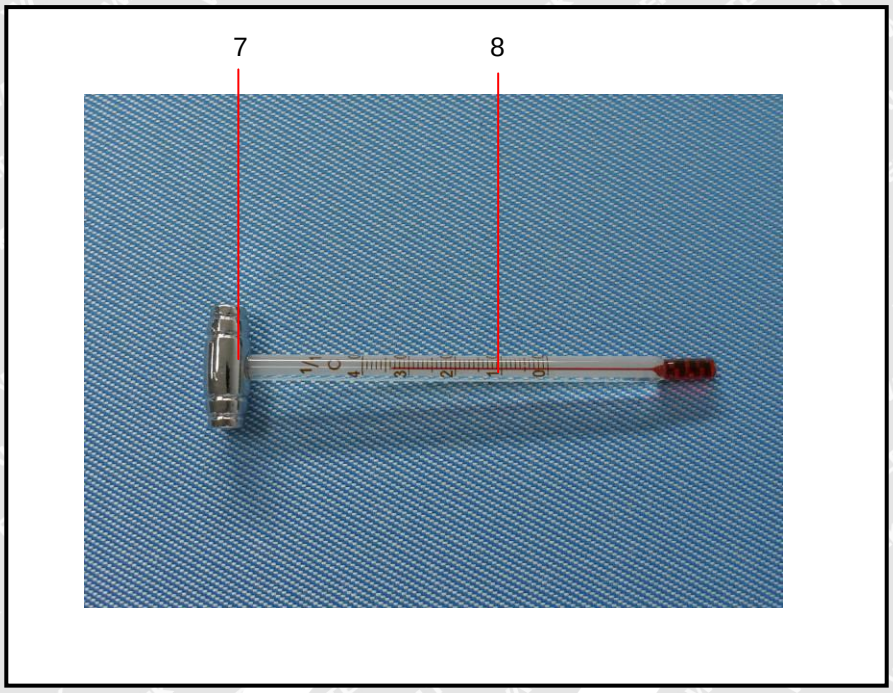




Photographs of parts tested:



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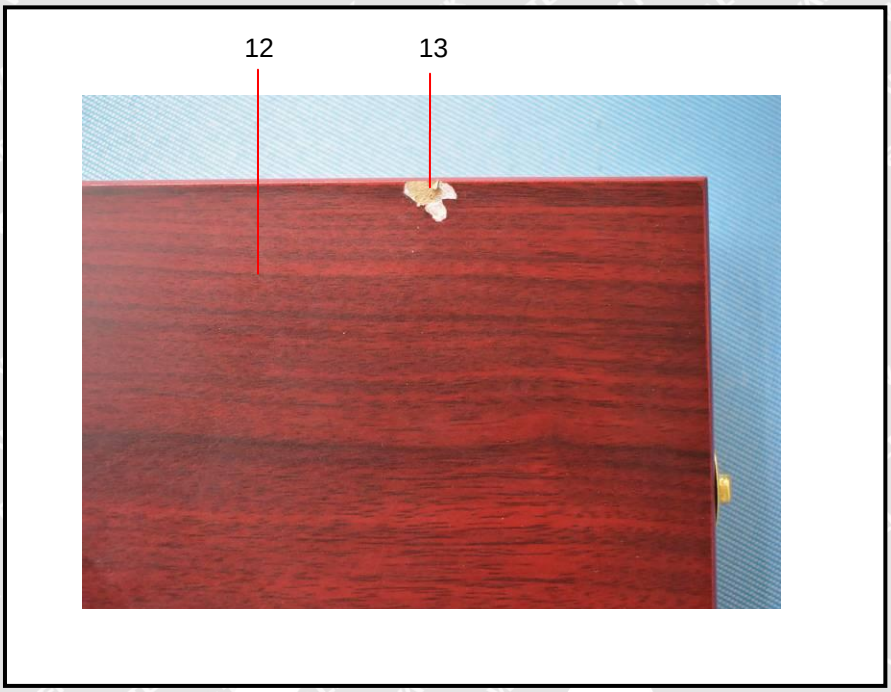
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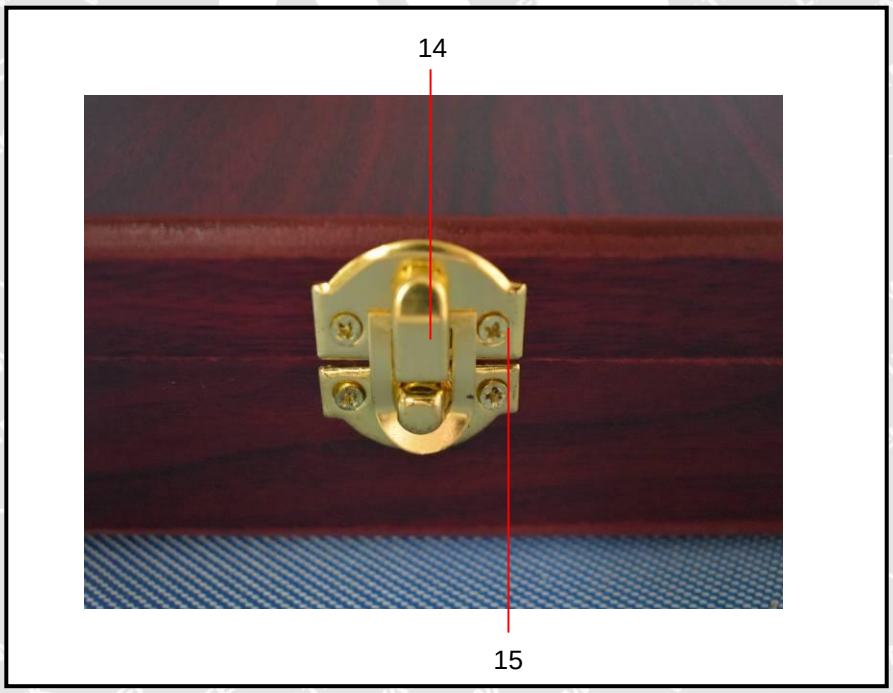
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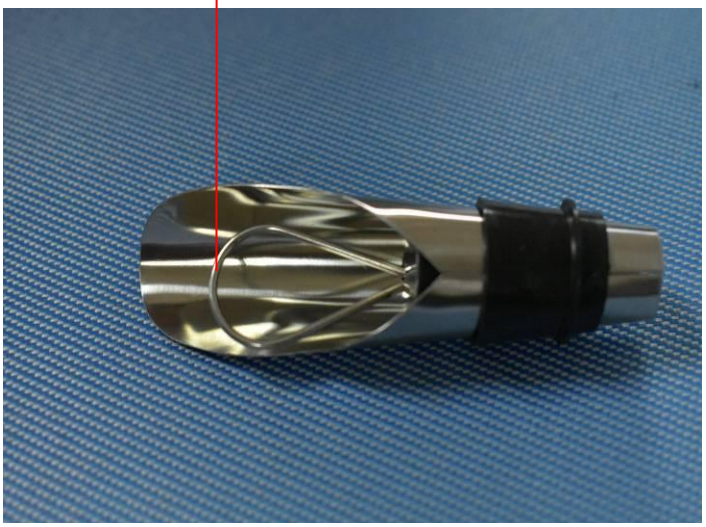

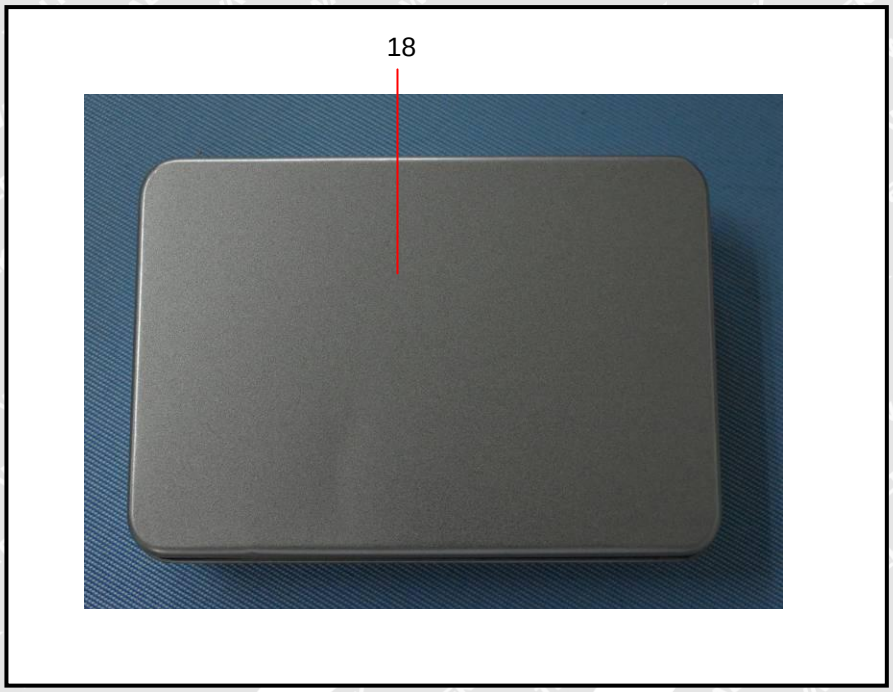
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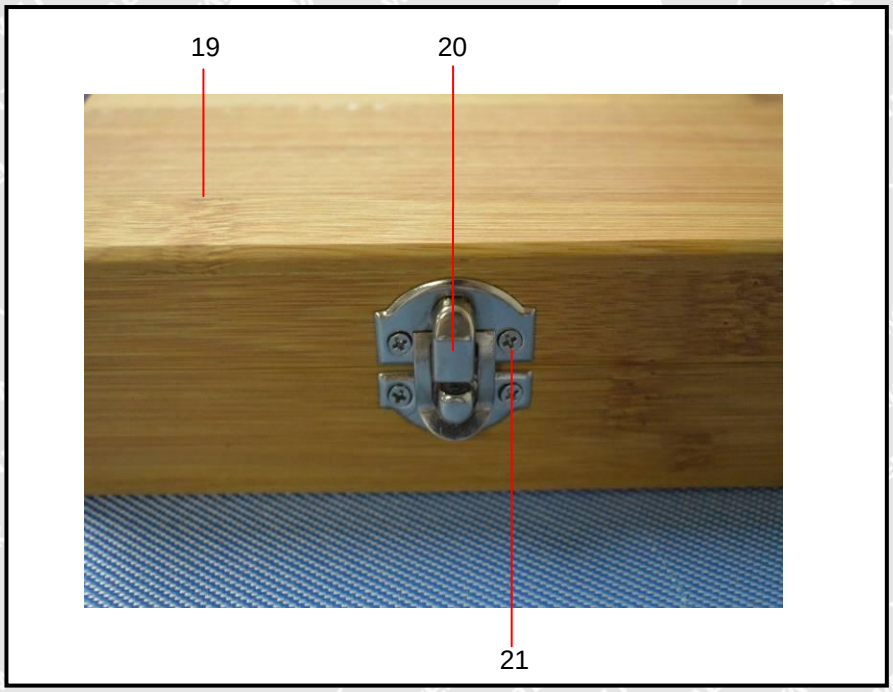
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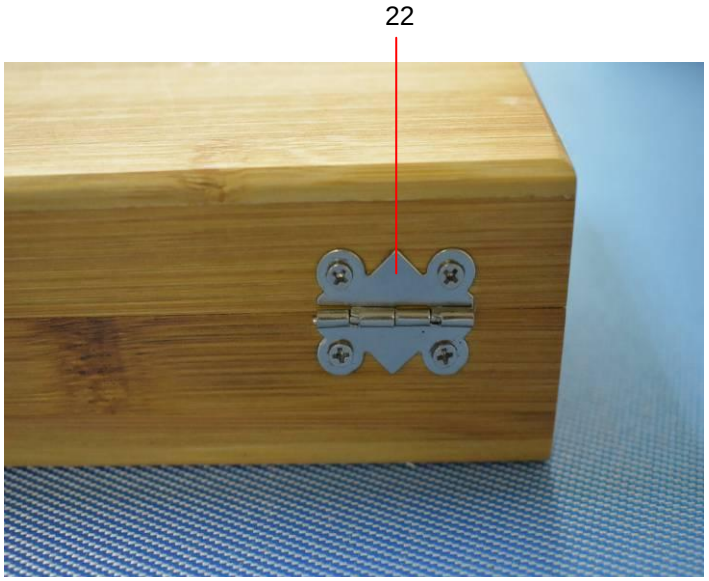
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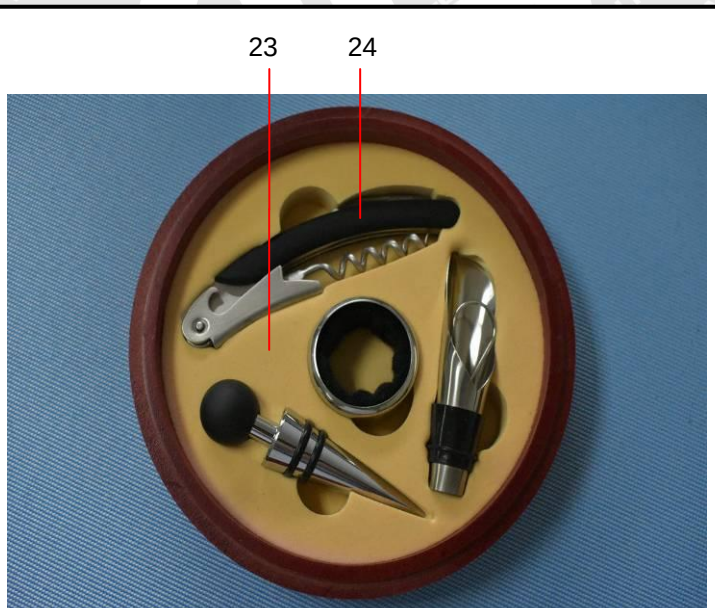
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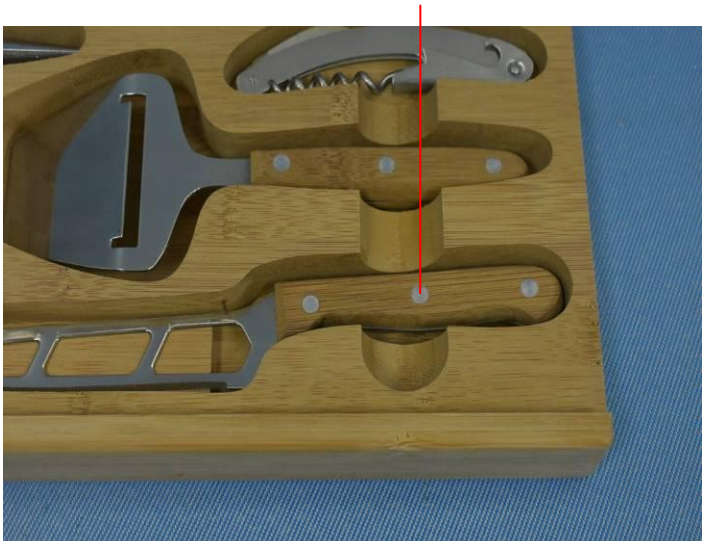

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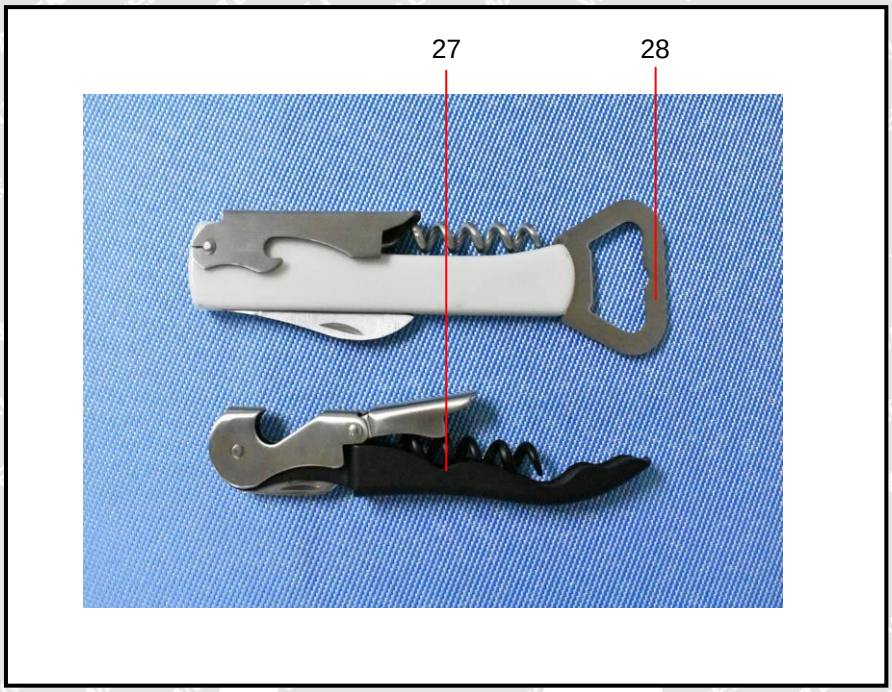
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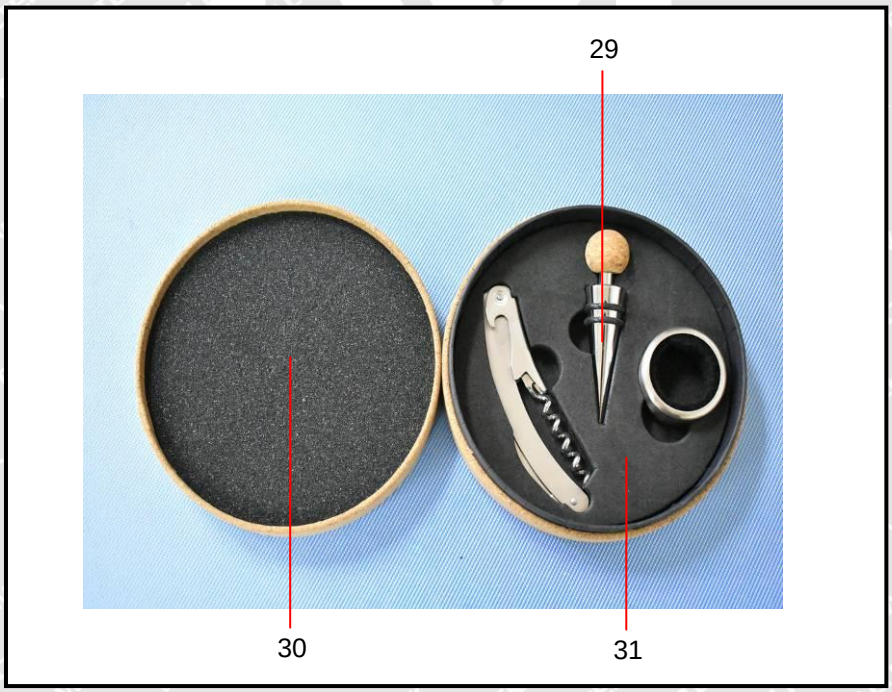
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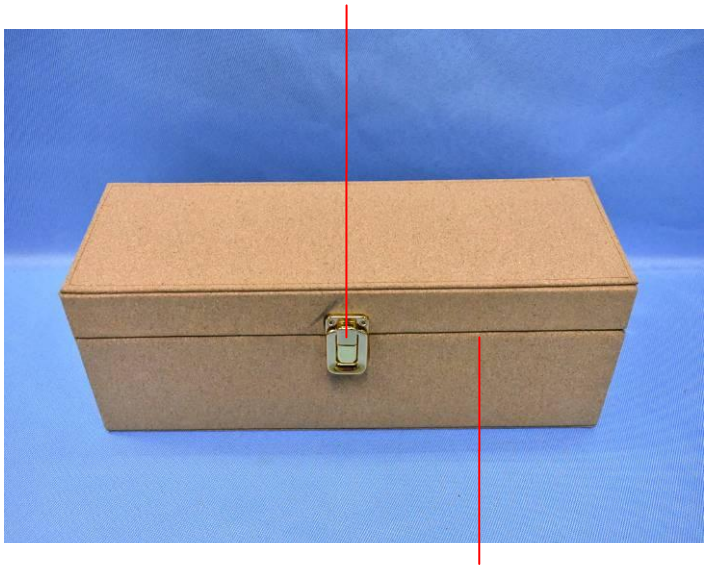

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====== End of Report ======