

Report No.: FTC25216078

Date: May.27,2025

Client: WANG TAT JEWELRY LIMITED

D2-7, 12/F, Hang Fung Industrial Building,Phase 2,NO.2G Hok Yuen Street, Hung Hom,Kow Loon, Hong Kong

Sample Receiving Date : May.22,2025

Testing Period : From May.22,2025 to May.27,2025

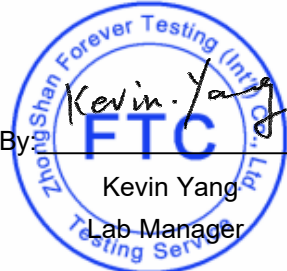
The following sample (s) and sample information was / were submitted and identified by/on behalf of the client:

Sample Name	Crystal glass water bottle
Trademark/Brand	/
Model No.	/
Manufacturer	WANG TAT JEWELRY
Manufacturer Address	SHUI BIAN SIMA INDUSTRIAL ZONE, HENGLI TOWN, DONGGUAN CHINA

Prepared By: Huang Jing
Huang Jing
Lab Clerk

Checked By: Robin Luo
Robin Luo
Lab Supervisor

Approved By: Kevin Yang
Kevin Yang
Lab Manager



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CONCLUSION :

According to client's request to conduct below tests in the selected parts of the submitted sample:

<u>No.</u>	<u>TEST ITEM</u>	<u>RESULT</u>
1.	RoHS Directive 2011/65/EU Annex II amending Annex(EU)2015/863 and amending Annex (EU)2017/2102&EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	-
	-Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs Content	PASS
	-Di(2-ethylhexyl) phthalate(DEHP),Benzylbutyl phthalate(BBP),Dibutyl phthalate(DBP), Diisobutyl phthalate(DIBP) content	PASS

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TEST RESULTS

1.EUROPEAN COUNCIL DIRECTIVE 2011/65/EU ON RESTRICTIONS ON THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND IT'S AMENDMENTS(INCLUDING (EU) 2015/863) (ROHS)

(A)Test Result Summary

Test Method: With Reference to IEC 62321-3-1:2013, Determined By X Ray Fluorescence(XRF).

Item	Test results(mg/kg)				
	Chromium (Cr)	Cadmium (Cd)	Mercury (Hg)	Lead (Pb)	Bromine (Br)
1	ND	ND	ND	ND	ND
2	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND
4	*	ND	ND	ND	/
5	ND	ND	ND	ND	ND
6	*	ND	ND	ND	/
7	ND	ND	ND	ND	ND
8	ND	ND	ND	ND	ND
9	ND	ND	ND	ND	ND
10	ND	ND	ND	ND	ND
11	*	ND	ND	ND	/
12	ND	ND	ND	ND	ND
13	*	ND	ND	ND	/
14	ND	ND	ND	ND	ND
15	*	ND	ND	ND	/
16	ND	ND	ND	ND	ND

Remark: 1. mg/kg = milligram per kilogram

2. RDL= Report Detection Limit

3. ND=Not Detected (lower than RDL)

4. The result(s) of chromium refer(s) to chromium VI (Cr VI) and the result(s) of bromine refer(s) to polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs).

5.* =The result(s) was(were) confirmed by chemical test.

6. / =The sample(s) was(were) metal, the Bromine(Br)content was not required to be tested.

7. Report Detection Limit (RDL) for Cd was 50(mg/kg);for Cr,Hg,Pb were 100(mg/kg);for Br was 200(mg/kg).

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(B)

Interpretation of Result(s) [Preliminary Screening Assessment for European Council Directive 2011/65/EU] :			
Element	Metal	Composite material	Non-metal
Lead (Pb)	$BL \leq (700 - 3\sigma) < X < (1300 + 3\sigma) \leq OL$	$BL \leq (500 - 3\sigma) < X < (1500 + 3\sigma) \leq OL$	$BL \leq (700 - 3\sigma) < X < (1300 + 3\sigma) \leq OL$
Cadmium (Cd)	$BL \leq (70 - 3\sigma) < X < (130 + 3\sigma) \leq OL$	$BL < X < (150 + 3\sigma) \leq OL$	$BL \leq (70 - 3\sigma) < X < (130 + 3\sigma) \leq OL$
Mercury (Hg)	$BL \leq (700 - 3\sigma) < X < (1300 + 3\sigma) \leq OL$	$BL \leq (500 - 3\sigma) < X < (1500 + 3\sigma) \leq OL$	$BL \leq (700 - 3\sigma) < X < (1300 + 3\sigma) \leq OL$
Chromium (Cr)	$BL \leq (700 - 3\sigma) < X$	$BL \leq (500 - 3\sigma) < X$	$BL \leq (700 - 3\sigma) < X$
Bromine (Br)	-	$BL \leq (250 - 3\sigma) < X$	$BL \leq (300 - 3\sigma) < X$
Unit:mg/kg = milligram per kilogram X = Region considers as marginal result 3σ = Repeatability of XRF analyser at action level σ = 2			

(C)Chemical test

Chromium (VI) Content

Test Method: With Reference to IEC 62321-7-1:2015, Analysis Was Performed By UV-VIS.

(Unit:μg/cm²)

Test Items	Result					RDL
	4	6	11	13	15	
Chromium (VI) Content	Ne	Ne	Ne	Ne	Ne	0.1

Remark: μg/cm²= Micrograms per square centimeter

RDL= Report Detection Limit

Ne:Negative=Absence of Chromium (VI) coating(below 0.1 μg/cm²)

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Phthalates Content

Test Method: With Reference to IEC 62321-8:2017, Analysis Was Preformed By GC-MS.

(Unit:mg/kg)

Test Item	CAS No.	Result				RDL
		1+2+3 [▲]	5+7+8 [▲]	9+10+12 [▲]	14+16 [▲]	
Dibutyl phthalate(DBP)	84-74-2	ND	ND	ND	ND	150
Benzyl butyl phthalate(BBP)	85-68-7	ND	ND	ND	ND	150
Bis (2-ethylhexyl) phthalate(DEHP)	117-81-7	ND	ND	ND	ND	150
Di-iso-butyl phthalate(DIBP)	84-69-5	ND	ND	ND	ND	150

Remark: mg/kg=milligram per kilogram

RDL=Report Detection Limit

ND=Not Detected (lower than RDL)

[▲]=As specified by client, the samples were equal mass proportional mixed to test, and the test results are calculated based on the total sample quality. The result(s) shown on this report may be different from the content of any homogeneous material.

(D)RoHS Requirement

Restricted Substances	Limits
Lead	0.1% (1000 mg/kg)
Cadmium	0.01% (100 mg/kg)
Mercury	0.1% (1000 mg/kg)
Chromium (VI)	0.1% (1000 mg/kg) ^①
Polybrominated Biphenyls (PBBs)	0.1% (1000 mg/kg)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 mg/kg)
Dibutyl phthalate(DBP)	0.1% (1000 mg/kg)
Benzyl butyl phthalate(BBP)	0.1% (1000 mg/kg)
Bis (2-ethylhexyl) phthalate(DEHP)	0.1% (1000 mg/kg)
Di-iso-butyl phthalate(DIBP)	0.1% (1000 mg/kg)

Remark:

1.The Above Limits Were Quoted From 2011/65/EU And It's Amendments For Homogeneous Material.

 2. ^①=The sample(s) was(were) metal, the limit of Chromium (VI):

 A:The test results were less than 0.1 µg/cm², the sample content of Chromium (VI) was negative, and the sample coating was considered to be free of Chromium (VI);

 B:If the test results were between 0.1 µg/cm² and 0.13µg/cm², it was considered uncertain whether the sample contains Chromium (VI), because the difference of sample coating will affect the test result;

 C:The test results were greater than 0.13 µg/cm², the sample content of Chromium (VI) was positive, and the sample coating was considered to contain Chromium (VI).

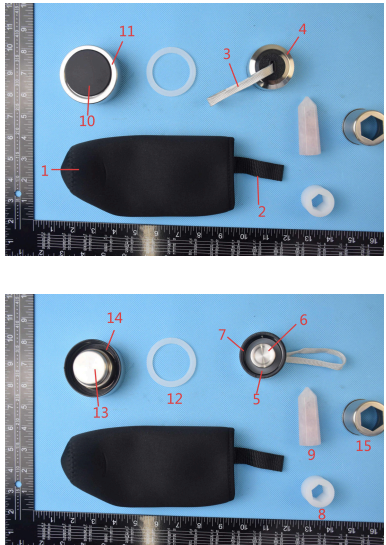
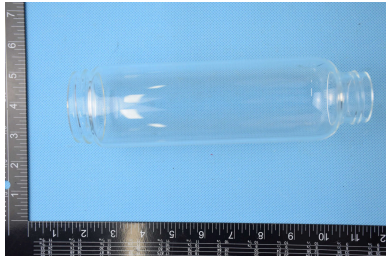
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Test Part Description:		photos
1	Black textile (cloth cover)	
2	Black textile (woven tape)	
3	Silver textile (woven tape)	
4	Silver metal (top cover)	
5	White/transparent soft plastic ring	
6	Silver metal (inner shell)	
7	Black plastic (inner shell)	
8	White soft plastic ring	
9	Light pink Bi Li Zhu	
10	Black soft plastic with adhesive tape	
11	Silver metal cover (large)	
12	Transparent soft plastic ring	
13	Silver metal (inner shell)	
14	Black plastic (inner shell)	
15	Silver metal (with square hole inner cover)	
16	Transparent glass cup	

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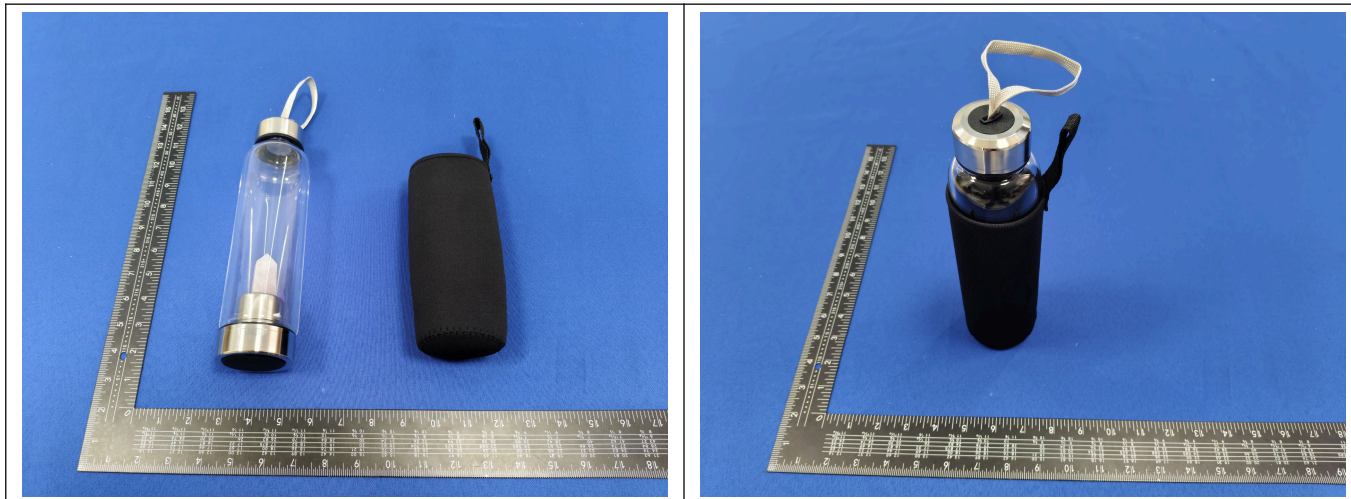
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SAMPLE(S) PHOTO



End of Test Report

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