

Report No.: 242120777-05

Client: KWAHM SUMPAN CO.,LTD.

Contact Information: 55/1-4 Moo 7,
Bangkruay Sai Noi Road,
Bangkruay,Bangkruay, Nonthaburi 11130

Identification/ Model No(s): JBCR-3 (RHINESTONE CRYSTAL)
569-496

Sample Receiving date: 2020-05-13

Testing Period: 2020 05-13 to 2020-05-22

Delivery condition: Apparent good, Samples tested as received

Test Specification:

1. Total Lead Content
2. Total Lead Content in Rhinestone/Crystal
3. Total Cadmium Content
4. Ni release (EN 1811: 2011 + A1:2015)
5. Ni release (EN 12472:2005 & EN 1811: 2011+ A1:2015)
6. Silver Content ; XRF Screening test

Test result:

- PASS
- PASS
- PASS
- PASS
- PASS
- Refer to result page

Other information:

Manufacture: KWAHM SUMPAN CO.,LTD
Country of Origin: THAILAND

For and on behalf of
TÜV Rheinland Thailand Ltd.



Wilawan Sriprom / Manager

2020-05-22

Date

Name/Position

*Test result is drawn according to the kind and extent of tests performed.
This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.*

Test Report No.: 242120777-05

Page 2 of 5

Material List:

Item: JBCR-3 (RHINESTONE CRYSTAL)
569-496

Material No.	Material	Color	Location
M001	Silver	Silver with silver plated	Motive
M002	Metal	Silvery	Circle bar
M003	Crystal	White	Refer to photo

1. Total Lead Content

Test Method: (Metal materials) CPSC Test Method: US CPSC-CH-E1001-08.3:2012 Standard
Operating Procedure for Determinating total Lead (Pb) in Children's Metal Products
(Including Children's Metal Jewelry)

Test result

Test No.	Material No.	Test Parameter	Unit	RL	Customer's Requirement	Test Result
T001	M001	Total Lead	mg/kg	2	90	n.d.
T002	M002	Total Lead	mg/kg	2	90	n.d.

Abbreviation: n.d. denotes Not Detected (<RL)
RL denotes Reporting Limit
mg/kg denotes Milligram per kilogram

2. Total Lead Content in Rhinestone/Crystal

Test Method: CPSC-CH-E1002-08.3: 2012 "Standard Operating Procedure for Determinating Total Lead (Pb) in Non-Metal Children Product"

Test result

Test No.	Material No.	Test Parameter	Unit	RL	Customer's Requirement	Test Result
T001	M003	Total Lead	mg/kg	2	500	n.d.

Abbreviation: n.d. denotes Not Detected (<RL)
RL denotes Reporting Limit
mg/kg denotes Milligram per kilogram

Test Report No.: 242120777-05

Page 3 of 5

3. Total Cadmium Content

Test Method: Acid digestion based on EPA 3050B:1996 (Modified) / EPA 3052:1996 (Modified).
Analysis was performed by ICP-MS.

Test Result:

Test No.	Material No.	Test Parameter	Unit	RL	Customer's Requirement	Test Result
T001	M001	Total Cadmium	mg/kg	2	40	n.d.
T002	M002	Total Cadmium	mg/kg	2	40	n.d.

Abbreviation: n.d.denotes Not Detected (<RL)
RLdenotes Reporting Limit
mg/kgdenotes Milligram per kilogram

4. Nickel release

Test Method: EN 1811:2011+A1:2015. Determination by ICP-MS

Test Result :

Test No.	Material No.	Trial	Nickel released ($\mu\text{g}/\text{cm}^2/\text{week}$)	RL ($\mu\text{g}/\text{cm}^2/\text{week}$)	Customer's Requirement $\mu\text{g}/\text{cm}^2/\text{week}$
T001	M002	1	n.d.	0.05	0.28
		2	n.d.	0.05	
		3	n.d.	0.05	

Abbreviation: n.d. denotes Not detected
RL denotes Reporting Limit
 $\mu\text{g}/\text{cm}^2/\text{week}$ denotes Microgram per square centimeter per week

Test Report No.: 242120777-05

Page 4 of 5

5. Nickel release

Test Method: Nickel - According to EN 12472:2005 + A1:2009 & EN 1811:2011+ A1:2015
The tests have been performed in succession.

Test Result :

Test No.	Material No.	Trial	Nickel released (µg/cm ² /week)	RL (µg/cm ² /week)	Customer's Requirement (µg/cm ² /week)
T001	M001	1	n.d.	0.05	0.11
		2	n.d.	0.05	
		3	n.d.	0.05	

Abbreviation: n.d. denotes Not detected

RL denotes Reporting Limit

µg/cm²/ week denotes Microgram per square centimeter per week

6. Silver content

Test Method: In-House Method, determination by ED-XRF.

Test result

Test No.	Material No.	Test Parameter	Unit	RL	Test Result
T001	M001	Silver Content	%	0.005	96.46

Abbreviation: < = less than

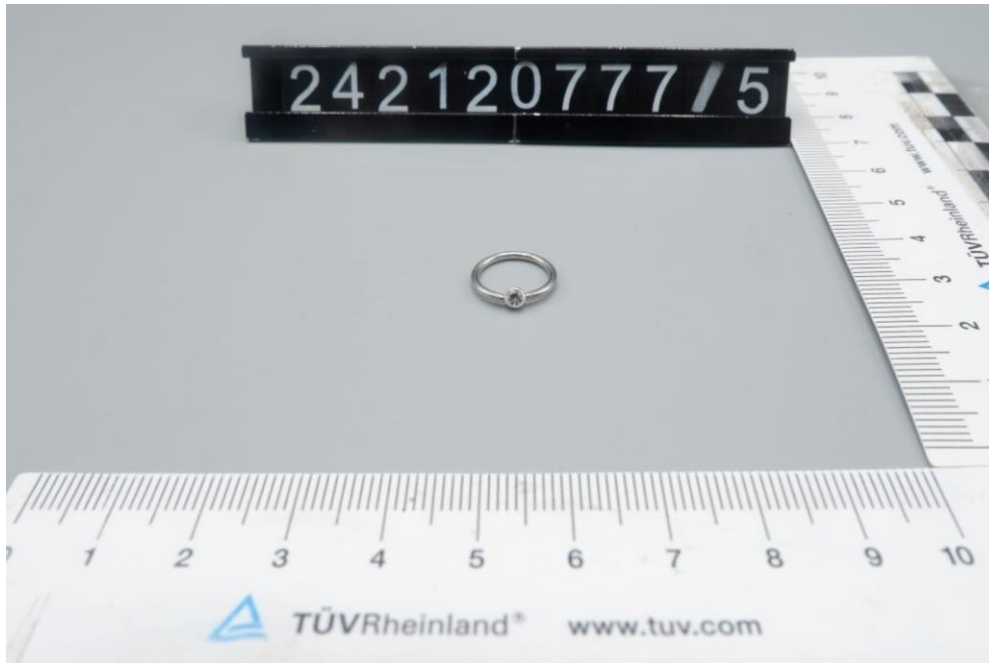
RL = Reporting Limit

% = Percentage by weight (1 % = 10,000 mg/Kg)

Test Report No.: 242120777-05

Page 5 of 5

Sample Photo



- END -