

**Report No.:** 242120777-07

Page 1 of 5

**Client:** KWAHM SUMPAN CO.,LTD.

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

**Identification/ Model No(s):** BP-JH-90826 (CZ CRYSTAL+BLUE)  
739-703

**Sample Receiving date:** 2020-05-13

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

**Delivery condition:** Apparent good, Samples tested as received

<b>Test Specification:</b>	<b>Test result:</b>
1. Total Lead Content	PASS
2. Total Lead Content in Rhinestone/Crystal	PASS
3. Total Cadmium Content	PASS
4. Ni release (EN 1811: 2011 + A1:2015)	PASS
5. Ni release (EN 12472:2005 & EN 1811: 2011+ A1:2015)	PASS

**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.: 242120777-07**

Page 2 of 5

**Material List:**
Item: BP-JH-90826 (CZ CRYSTAL+BLUE)  
739-703

Material No.	Material	Color	Location
M001	Metal	Brass with silver plated	Motive
M002	Metal	Silvery	Ball
M003	Metal	Silvery	Bar
M004	Crystal	CZ White	Refer to photo
M005	Crystal	CZ 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 + M003	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

**Test Report No.: 242120777-07**

Page 3 of 5

## 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	M004	Total Lead	mg/kg	2	500	n.d.
T002	M005	Total Lead	mg/kg	2	500	67

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

## 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 + M003	Total Cadmium	mg/kg	2	40	n.d.

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

**Test Report No.: 242120777-07**

Page 4 of 5

**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	
T002	M003	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

 $\mu\text{g}/\text{cm}^2/\text{week}$  denotes Microgram per square centimeter per week

**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 ( $\mu\text{g}/\text{cm}^2/\text{week}$ )	RL ( $\mu\text{g}/\text{cm}^2/\text{week}$ )	Customer's Requirement ( $\mu\text{g}/\text{cm}^2/\text{week}$ )
T001	M001	1	n.d.	0.05	0.28
		2	n.d.	0.05	
		3	n.d.	0.05	

**Abbreviation:** n.d. denotes Not detected

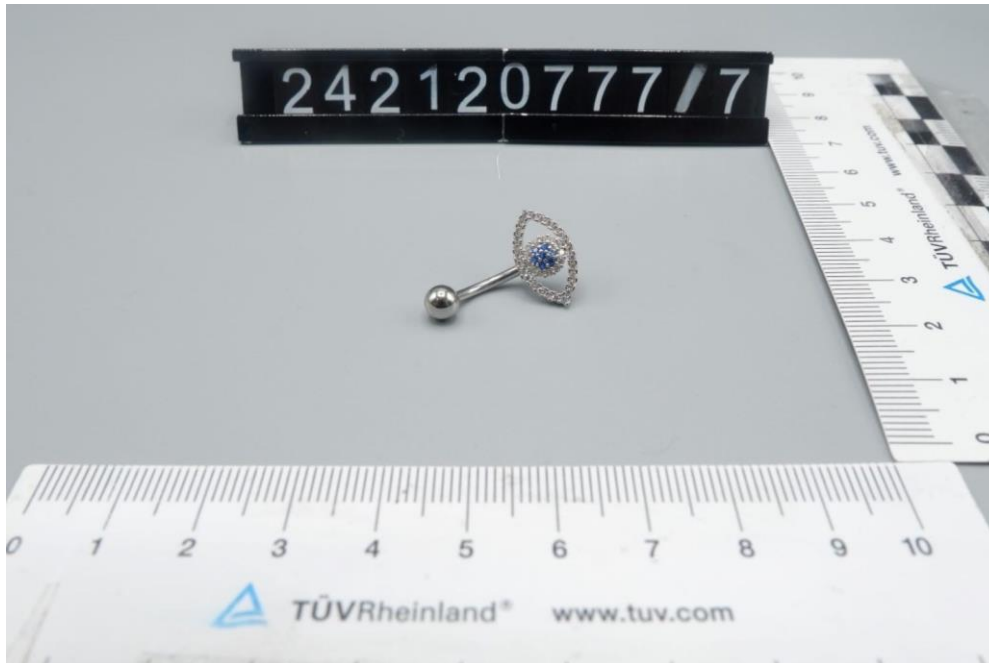
RL denotes Reporting Limit

 $\mu\text{g}/\text{cm}^2/\text{week}$  denotes Microgram per square centimeter per week

Test Report No.: 242120777-07

Page 5 of 5

**Sample Photo**



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