

Report No.: 242101328-03

Client: KWAHM SUMPAN CO.,LTD.
55/1-4 Moo 7,
Bangkruay Sai Noi Road,
Bangkruay,Bangkruay, Nonthaburi 11130

Identification/ Model No(s): BP-19013-310001N(CZ CRYSTAL)
739-328

Sample Receiving date: 2019-03-21

Testing Period: 2019-03-21 to 2019-04-02

Delivery condition: Apparent good, Samples tested as received

Test Specification:

Test Specification:	Test result:
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.

 

2019-04-02

Wilawan Sriprom / Manager

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.*

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Material List:

Item: BP-19013-310001N(CZ CRYSTAL)
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Material No.	Material	Color	Location
M001	Metal	Brass with silver plated	Motive
M002	Metal	Silvery	Ball
M003	Metal	Silvery	Bar
M004	Crystal	White	Refer to photo
M005	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

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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	n.d.

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

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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. = Not Detected (< RL)
 RL = Reporting Limit
 $\mu\text{g}/\text{cm}^2/\text{week}$ = micrograms per one square centimeter per week

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Sample Photo



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