



CONSUMER PRODUCTS SERVICES DIVISION

Technical Report: (6621)075-0853
Date Received: MAR 15, 2021
Mod. Date: /

MAR 22, 2021
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ZHEJIANG KAISI OUTDOOR PRODUCTS CO.,LTD
NO.8 XINYA ROAD,SANXI INDUSTRIAL PARK,GUOXI TOWN,
OUHAI,WENZHOU,ZHEJIANG

Sample Description: GEAR CARABINER
Manufacturer: /
Buyer: /
Country of Origin: CHINA

Color: /
Protocol No.: /
Family Code: /

PO No.: /
Style No /
Country of /
Destination:
SKU No.: /
Previous Report No.: /
Other: /

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION	Remark
1) Total Cadmium Content As Per Client Requirement	PASS	/
2) Total Lead Content - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Latest Amendment, Annex XVII, Entry 63, Point 7	PASS	/
3) Loading test	PASS	/

REMARK:

The client specifies the test methods and requirements.



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BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT

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BUREAU VERITAS

CONSUMER PRODUCTS SERVICE DIVISION (SHANGHAI)

Laboratory Test location:

No. 368, Guangzhong Road, Zhuanqiao Town, Minhang, Shanghai.

No. 168, Guanghua Road, Zhuanqiao Town, Minhang, Shanghai.

Hyde Bao

PRODUCT LINE MANAGER(HARDLINE DIVISON)



The Test Results are Listed As Below:

1.Total Cadmium Content As Per Client Requirement

Compounds	Unit	Tested item			Client's Limit
		1	2	3	
Cadmium (Cd)	mg/kg	<10	<10	<10	100
Conclusion	-	PASS	PASS	PASS	-

Compounds	Unit	Tested item				Client's Limit
		4	5	6	7	
Cadmium (Cd)	mg/kg	<10	<10	<10	<10	100
Conclusion	-	PASS	PASS	PASS	PASS	-

Test Item 1: Silver metal on active part
Test Item 2: Orange metal
Test Item 3: Grey metal
Test Item 4: Purple metal
Test Item 5: Light blue metal
Test Item 6: Dark blue metal
Test Item 7: Transparent plastic + yellow plastic

Note: mg/kg = milligram per kilogram
“<” = less than

Method: 1. Plastic - EN 1122: 2011, Method B
2. Paint - Sample was digested with nitric acid, then the cadmium content was analyzed by Atomic Absorption Spectrophotometer.

Remarks: 1. The test items were specified by the applicant

2.Total Lead Content - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Latest Amendment, Annex XVII, Entry 63, Point 7

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
1	Silver metal on active part	-	-
2	Orange metal	-	-
3	Grey metal	-	-
4	Purple metal	-	-
5	Light blue metal	-	-
6	Dark blue metal	-	-
7	Transparent plastic + yellow plastic	-	-

Maximum allowable Limit:	Less than 500 mg/kg
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-	Unit	Result			
Test Item(s)	-	1	2	3	4
Total Lead (Pb)	mg/kg	11.1	31.7	<10	<10
Conclusion	-	PASS	PASS	PASS	PASS

-	Unit	Result		
Test Item(s)	-	5	6	7
Total Lead (Pb)	mg/kg	<10	<10	<10
Conclusion	-	PASS	PASS	PASS

Note / Key :

ND = Not detected

">" = Greater than

mg/kg = milligram(s) per kilogram = ppm = part(s) per million 10 000 mg/kg = 1 %

% = percent

Detection Limit (mg/kg) : 10

Remark :

- Accessible surface coating, print, metal and plastic in article(s) or part(s) of article(s), during normal or reasonably foreseeable condition of use, which may be placed in the mouth by children are applicable to be tested.
- Without applying to this requirement, exemption can granted to article(s) or part(s) of article(s) placed on the market for the first time before June 1, 2016, brass alloy containing up to 0.5 % lead by weight and those listed in Comment section.
- Acceptable documentation is required to verify the material type(s) as recommended by Bureau Veritas Consumer Products Services, Inc.

Comment :

List of Materials, Components or Articles which are not applicable to this Requirement :	
No.	Material / Component / Article Description
1	Jewellery articles covered by European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Latest Amendment, Annex XVII, Entry 63, Point 1.
2	Crystal glass as defined in Annex 1 (Categories 1, 2, 3 and 4) to European Council Directive 69/493/EEC.
3	Non-synthetic or reconstructed precious and semiprecious stones [Combined Nomenclature (CN) code 7103, as established by European Council Regulation (EEC) No. 2658/87], unless they have been treated with lead or its compounds or mixtures containing these substances.
4	Enamels, defined as vitrifiable mixtures resulting from the fusion, vitrification or sintering of minerals melted at a temperature of at least 500 degree Celsius (°C).
5	Keys and locks, including padlocks.
6	Musical instruments
7	Articles and parts of articles comprising brass alloys, if the concentration of lead (expressed as metal) in the brass alloy does not exceed 0.5 % by weight.
8	The tips of writing instruments
9	Religious articles
10	Portable zinc-carbon batteries and button cell batteries
11	Articles within the scope of : (i) European Council Directive 94/62/EC; (ii) European Parliament and Council Regulation (EC) No. 1935/2004; (iii) European Parliament and Council Directive 2009/48/EC; (iv) European Parliament and Council Directive 2011/65/EU



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3.Loading test

Evaluation	Method	Results	Rating
Loading test	Shall withstand 500kg loading for 30 minutes.	The sample was not be broken after test.	PASS

EXHIBIT



END