

Test Report

Number: GZHH00558585

Applicant: ZHONGSHAN JINLANG DAILY PRODUCTS CO.,LTD
NO.18, BAOSHENG FIRST STREET,
XIAOLAN TOWN, ZHONGSHAN CITY,
GUANGDONG PROVINCE.

Date: Oct 14, 2024

Attn: GAO SHAN

Sample Description:

Four (4) pieces of submitted sample said to be :

Item Name : **Safety Gate**

Item No. : **BG-06**

Reference No. : BG-01,BG-02,BG-03

Remark : Above reference No. were submitted and identified by the client and they were not verified by the laboratory.

Manufacturer : Zhongshan Jinlang Daily Products Co.,Ltd

Country of Origin : China

Date Sample Received : Aug 16, 2024 & Aug29, 2024 & Sep 29, 2024 & Oct 08, 2024 & Oct 10, 2024

Testing Period : Aug 16, 2024 to Oct 11, 2024



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued



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Test Report

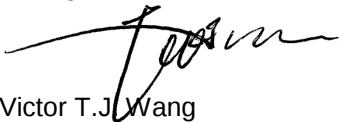
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Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	SOR/2016-179 - Expansion Gates and Expandable Enclosures Regulations Excluding: - Clause 3: Flammability	Pass (See remark)
Tested components of submitted samples	Canada Consumer Product Safety Act Expansion Gates and Expandable Enclosures Regulations SOR/2016-179 and Amendment SOR/2022-122 Section 2 on toxic elements test	Pass
	Canadian Environmental Protection Act Products Containing Mercury Regulations SOR/2014-254 on total Mercury (Hg) content in product except battery	Pass
	Canada Consumer Product Safety Act Surface Coating Materials Regulations SOR/2016-193 and Amendment SOR/2022-122 on Lead content	Pass
	Canada Consumer Products Containing Lead Regulations SOR/2018-83	Pass#

= The submitted samples were not subjected to the scope of the standard. The tests performed as per the application's request.

Authorized by:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch, Hardlines


Victor T.J. Wang
General Manager



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Tests Conducted

1 Expansion Gates and Expandable Enclosures Regulations

As per Expansion Gates and Expandable Enclosures Regulations - SOR/2016-179, the submitted sample was subjected to following tests.

Product type: Expansion gates.

Executive summary:

Clause	Testing items	Result
1	Definitions	
2	Decorative or protective coating	P
3	Flammability	NR
4(1)	Parts — wood, plastic or similar hard material	P
4(2)	Parts — metal	P
4(3)	Metal tubing	P
4(4)	Bolts	NA
5	Small parts	P
6 Performance	Every expansion gate and expandable enclosure must comply with the performance requirements set out in sections 4.1 to 4.1.5 of the safety standard (ASTM F1004-86).	P
ASTM F1004-86		
4.1	Appropriate assembly	P
4.1.1	Completely-bounded openings	P
4.1.1.1	Size of completely-bounded openings	P
4.1.1.2	Openings in a rigid member	P
4.1.2	Height of sides	P
4.1.3	Vertical strength	P
4.1.4	Bottom spacing	P
4.1.5	Configuration of uppermost edge	P
7	Testing	
8	Reference to Canada Consumer Product Safety Act or Regulations	P (See remark 1)
9(1)	Information — general	P (See remark 1)
9(2)	Warning — general	P (See remark 1)
9(3)	Warning — presentation	P (See remark 1)
9(4)	Accompanying information	P (See remark 1)
10	Packaging	P (See remark 1)

Abbreviation : P = Pass; NA = Not Applicable; NR = Not Requested by the Applicant

Remark:

- Only artwork of labeling, instruction & package was provided for review, the permanence of labeling and the height of the words in the required information were not assessed in this report.



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2 Toxic Elements Analysis (CCPSA SOR/2016-179 and Amendment SOR/2022-122)

With reference to Method C-02.2.1, C-07 published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section, acid digestion method was used and toxic elements content were determined by Inductively Coupled Plasma-mass Spectrometry.

Element	Result		Detection Limit (mg/kg)	Limit (mg/kg)
	Tested component			
	(1)	(2)		
Tot. Lead (Pb)	48	13	10	90
Tot. Mercury (Hg)	ND	ND	0.047	10

With reference to Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result		Detection Limit (mg/kg)	Limit (mg/kg)
	Tested component			
	(1)	(2)		
Sol. Cadmium (Cd)	ND	ND	5	1000
Sol. Antimony (Sb)	ND	ND	5	1000
Sol. Selenium (Se)	ND	ND	5	1000
Sol. Arsenic (As)	ND	ND	2.5	1000
Sol. Barium (Ba)	286 [#]	254 [#]	5	1000

The above limit was quoted according to Canada Consumer Product Safety Act Expansion Gates and Expandable Enclosures Regulations SOR/2016-179 and Amendment SOR/2022-122 Section 2 for prohibition on toxic elements in stickers, films and surface coating materials.

Tot. = Total

Sol. = Soluble

ND = Not detected (less than detection limit)

= The results were adjusted by subtracting analytical correction factor.

Tested Component(s): See component list in the last section of this report



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3 Total Mercury (Hg) Content (For product except battery) (CEPA SOR/2014-254)

As per IEC 62321-4:2013+AMD1:2017, acid digestion was used and analysed by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (%)</u>	<u>Limit (%)</u>
(1+2), (3+4+5), (6+7+8), (9+10), (11+12+13)	ND	0.1

ND = Not Detection
Detection limit = 0.0001%

Tested Component(s): See component list in the last section of this report

4 Total Lead (Pb) Content (CCPSA SOR/2016-193 and Amendment SOR/2022-122)

As per Method C-02.2.2 published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section, acid digestion method was used and determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Element</u>	<u>Result (mg/kg)</u>	<u>Detection Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	<u>Tested Component</u>		
	(1+2)		
Lead (Pb)	30	10	90

The above limit was quoted according to Canada Consumer Product Safety Act Surface Coating Materials Regulations SOR/2016-193 and Amendment SOR/2022-122 for prohibition on Lead in stickers, films or surface coating materials.

Tested component(s): See component list in the last section of this report

5 Total Lead (Pb) content (CCPSA SOR/2018-83)

As per Method C-02.2.2, C-02.3.2, C-02.4.1, published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section, acid digestion was used and Total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (mg/kg)		Detection Limit (mg/kg)	Limit (mg/kg)
	Tested Component			
	(1+2)	(3+4+5), (6+7+8), (9+10), (14+15+16), (17+18), (19+20)		
Lead (Pb)	30	ND	10	90

The above limit was quoted according to Canada Consumer Products Containing Lead Regulations SOR/2018-83.

ND = Not detected (less than detection limit)

Tested Components: See component list in the last section of this report



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Component list:

- (1) White coating on metal (body of white style).
- (2) Black coating on metal (body of black style).
- (3) Off-white plastic (connector of white style).
- (4) Beige plastic (buckle of white style).
- (5) Grey plastic (buckle of both styles).
- (6) White plastic (tension bolt of white style).
- (7) Snow white plastic (washer for connector of white style).
- (8) White plastic (wall cup of white style).
- (9) Semi-transparent white soft plastic (washer for tension bolt of both style).
- (10) Black plastic (buckle, tension bolt, washer for connector, wall cup of black style).
- (11) White plastic (wall column of both style) (internal).
- (12) White sponge with adhesive (fastener of white style) (internal).
- (13) Black sponge with adhesive (fastener of black style) (internal).
- (14) Silver color metal excluding coating (up cross railing of both style).
- (15) Silver color metal excluding coating (down cross railing of both style).
- (16) Silver color metal excluding coating (thick vertical railing of both style).
- (17) Silver color metal excluding coating (thin vertical railing of both style).
- (18) Silver color metal excluding coating (circle vertical railing of both style).
- (19) Silver color metal (screw for buckle of both style).
- (20) Silver color metal (screw for tension bolt of both style).

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Shenzhen Limited, Guangzhou Branch.



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