

Test Report

Number: GZHH00558578

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:

Six (6) pieces of submitted sample said to be :

Item Name : **Safety Gate**

Item No. : **BG-06**

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

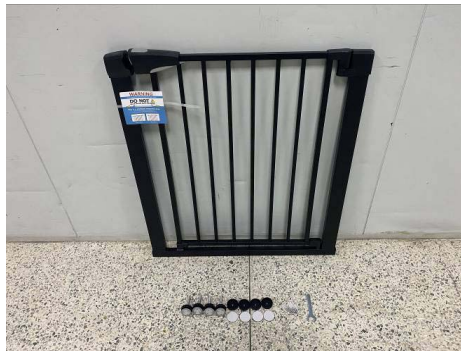
Remark : Above reference No. were submitted and identified by the client and they were not verified by the laboratory.

Manufacturer : Zhongshan Jinlang Daily Products Co.,Ltd

Country of Origin : China

Date Sample Received : Aug 16, 2024 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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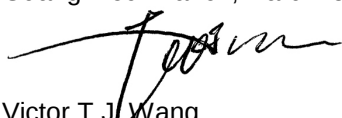
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Conclusion:

<u>Tested sample</u>	<u>Standard/Testing Item</u>	<u>Result</u>
Submitted samples	Safety Requirements and Test Methods for Child Use and Care Articles - Safety Barriers - EN 1930: 2011	Pass (See remark)
	EN 71-2: 2020 Flammability test	Pass#
Tested component(s) of submitted sample(s)	EN 1930:2011 Child use and care articles - Safety barriers, Section 7 for toxic elements test	Pass
	Cadmium Content Requirement in Annex XVII Entry 23 of the EU REACH Regulation (EC) No 1907/2006 and Amendment (EC) No 552/2009, (EU) No 494/2011, (EU) No 835/2012 and (EU) 2016/217	Pass
	Lead Requirement in Annex XVII Entry 63 of the EU REACH Regulation (EC) No 1907/2006 and Amendment (EC) No 552/2009, (EU) No 836/2012, (EU) 2015/628, (EU) 2023/923	Pass
	Phthalates Content Requirement in Annex XVII Entry 51 & 52 of the EU REACH Regulation (EC) No 1907/2006 and Amendment (EC) No 552/2009 and (EU) 2018/2005	Pass

= The submitted samples were not subjected to the scope of the standard. The tests were 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 Safety Specification and Test Methods for Safety Barriers

As per EN 1930: 2011- Standard Specification for Child Use and Care Articles – Safety Barriers, the following tests were conducted on the submitted samples.

Executive summary:

Clause	Testing Items	Assessment
1	Scope	
2	Normative references	
3	Terms and definitions	
4	Test equipment	
5	Conditioning	NA
6	Mechanical hazards	
6.1	General	
6.2	Barrier function	P
6.3	Gaps	P
6.4	Opening and closing system	
6.4.1.1	Unintentional opening	P
6.4.1.2	Closing system	P
6.4.1.3	Closing system with a mechanism that closes the system without the intervention of the user	NA
6.5	Entrapment hazards	P
6.6	Shearing and crushing hazards	P
6.7	Protrusion hazards	P
6.8	Chocking and ingestion hazards	P
6.9	Suffocation hazards	P
6.10	Hazardous edges and points	P
6.11	Structural integrity	
6.11.1	Materials	
6.11.1.1	General	NA
6.11.1.2	Requirements for connecting screws	P



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Clause	Testing items	Assessment
6.11.1.3	Requirements for staples	NA
6.11.2	Effectiveness of the fixing, locking devices and opening systems	P
6.12	Security of the safety barrier from impact test	P
7	Chemical hazards	P
8	Thermal hazards	NA
9	Additional hazards	
9.1	Use of a tool	P
9.2	Toys	P
10	Product information	
10.1	General	P (See remark 1)
10.2	Marking	P (See remark 1)
10.3	Purchase information	P (See remark 1)
10.4	Instructions for use	P (See remark 1)

Abbreviation : P = Pass; NA = Not applicable; NR = Not requested by the applicant

Remark:

- Only artwork of product information was provided for review, the durability of label and the height of the words in the required information of instruction were not assessed in this report.
- Only English part of product information was provided for assessment, it's client's responsibility to meet the official language requirement of destination countries.



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2 Flammability Test

Test Standard : With reference to European Standard on Safety of Toys EN 71 - 2: 2020

Clause	Testing Items	Assessment
4.1	General requirements	P
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft filled toys	NA

Remark: P = Pass NA = Not Applicable

3 Toxic Elements Analysis

With reference to EN 71-3:1994+A1:2000+AC:2002, acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (mg/kg)			Detection Limit (mg/kg)	Limit (mg/kg)
	Tested Component				
	(1)	(2)	(3) to (10)		
Sol. Barium (Ba)	286 [#]	254 [#]	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	2.5	25

Sol. = Soluble

ND = Not detected (less than detection limit)

[#] = The analytical result(s) were adjusted by subtracting analytical correction factor.

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



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Tests Conducted

4 Cadmium (Cd) Content (EU REACH Annex XVII Entry 23)

With reference to IEC 62321-5:2013, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (%)	Detection Limit (%)
	Tested Component	
	(1+2), (3+4+5), (6+7+8), (9+10), (11+12+13)	
Cadmium (Cd)	ND	0.0005

Limit:

Category	Limit (%)
Wet paint	0.01
Surface coating	0.1
Plastic	0.01
Metal parts of jewellery and hair accessories	0.01

The limit was quoted according to EU Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and Amendment (EC) No 552/2009, (EU) No 494/2011, (EU) No 835/2012 and (EU) 2016/217, Annex XVII Entry 23 on Cadmium Content.

ND = Not detected (less than detection limit)

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

5 Lead (Pb) Content (EU REACH Annex XVII Entry 63)

With reference to IEC 62321-5:2013, acid digestion was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

For jewellery articles, and for articles which may be placed in the mouth by children during normal or reasonably foreseeable conditions of use:

Element	Result (%)		Detection Limit (%)	Limit (%)
	Tested Component			
	(1+2)	(3+4+5), (6+7+8), (9+10), (14+15+16), (17+18), (19+20)		
Lead (Pb)	0.003	ND	0.001	0.05

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



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6 Phthalates Content (EU REACH Annex XVII Entry 51 & 52)

With reference to ISO 8124-6:2018, and phthalates content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS).

For 4 phthalates

Test Item	CAS No.	Result (%)	Detection Limit (%)	Limit (%)
		Tested Component		
		(1+2), (3+4+5), (6+7+8), (9+10), (11+12+13)		
Dibutyl phthalate (DBP)	84-74-2	ND	0.005	--
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	--	0.1

The limit was quoted according to EU Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and Amendment (EC) No 552/2009 and (EU) 2018/2005, Annex XVII Entry 51 & 52 on Phthalates content.

ND = Not detected (less than detection limit)

Tested component(s): 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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