

Test Report

Number: GZHH00651010

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

Date: Jul 15, 2026

Attn: ALIN

Sample Description:

Two (2) pieces of submitted sample said to be :

Item Name : **Safety Gate**

Item No. : **BG-07(H76W72-108.5), BG-07(H76W77.8-121), BG-07(H92W72-108.5),
BG-07(H92W77.8-121), BG-07(H74W72-108.5)**

Date Sample Received : Jun 15, 2026 & Jun 24, 2026 & Jul 10, 2026

Testing Period : Jun 15, 2026 to Jul 13, 2026



BG-07(H76W72-108.5)



BG-07(H76W77.8-121)



To be continued



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BG-07(H92W72-108.5)



BG-07(H92W77.8-121)



BG-07(H74W72-108.5)

Tests conducted:

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

To be continued



Test Report

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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)
Tested components of submitted samples	EN 71-3:2019+A2:2024 on Migration of Certain Elements	Pass#
	EU REACH Regulation (EC) No 1907/2006 and its Amendment(s) including (EU) 2016/217 Annex XVII Entry 23 on Cadmium (Cd) Content	Pass
	EU REACH Regulation (EC) No 1907/2006 and its Amendment(s) including (EU) 2018/2005 Annex XVII Entries 51 and 52 on Phthalates Content	Pass
	EU REACH Regulation (EC) No 1907/2006 and its Amendment(s) including (EU) No 1272/2013 Annex XVII Entry 50 on Polycyclic Aromatic Hydrocarbons (PAHs) Content	Pass
	Germany AfPS GS 2019:01 PAK (PAH) on Polycyclic Aromatic Hydrocarbons (PAHs) Content	Pass

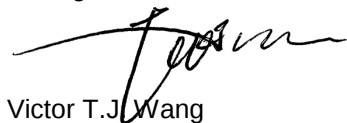
Remark :

- Only artwork product information was provided for review, the permanence & location of the labeling and the height of the words in the warning statements were not assessed in this report.
- Only English part of product information was assessed, it's client's responsibility to meet the official language requirement of destination countries.
- Only chemical test was conducted in this test report, the other test results stated in the report are quoted from the test report number GZHH00638305 dated Jun 26, 2026 since the sample(s) or material(s) of samples is (are) claimed to be identical.

= 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 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	P
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 (See test data)
8	Thermal hazards	NA
9	Additional hazards	
9.1	Use of a tool	NA
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



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Tests Conducted

2 EN 71-3:2019+A2:2024 on Migration of Certain Elements

(A) Test Result

With reference to EN 71-3:2019+A2:2024 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Ion Chromatography with UV-VIS.

Category (III): Scraped-off toy material

Element	Result (mg/kg)			Detection Limit (mg/kg)	Limit (mg/kg)
	Tested Component				
	(1)	(2)	(3) to (7), (16)		
Aluminium (Al)	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	10	47
Barium (Ba)	507	593	ND	10	18750
Boron (B)	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	5	17
Chromium (III) (Cr(III)) [#]	ND	ND	ND	10	460
Chromium (VI) (Cr(VI))	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	10	7700
Lead (Pb)	ND	18	ND	10	23
Manganese (Mn)	43	17	ND	10	15000
Mercury (Hg)	ND	ND	ND	10	94
Nickel (Ni)	ND	12	ND	10	930
Selenium (Se)	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	2.5	180000
Organic tin ^{**}	ND	ND	ND	5	12
Zinc (Zn)	712	246	ND	100	46000

Remark : mg/kg = milligram per kilogram

++ = Unless the test results were marked with "Δ", organic tin contents were not directly determined and were derived from migration results of total tin.

- Organic tin test result was expressed as tributyl tin.

ND = Not detected (less than detection limit)

= The reported value of migration of chromium (III) = migration value of total chromium – migration value of chromium (VI).

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



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Tests Conducted

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, bubble solution).

Category III: Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Note: CEN/TS 17973:2023, Safety of toys - Categorization of slime type materials, specifies a method for categorization of slime-type products to support users of EN 71-3 in the categorization of products with slime-like behaviour into material categories I (dry, brittle, powder-like or pliable toy material) or II (liquid or sticky toy material).

3 EU REACH Regulation (EC) No 1907/2006 and its Amendment(s) including (EU) 2016/217 Annex XVII Entry 23 on Cadmium (Cd) Content

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

Element	Result (%)	Detection Limit (%)
	Tested Component	
	(13+14), (15), (16)	
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 REACH Regulation (EC) No 1907/2006 and its Amendment(s) including (EU) 2016/217 Annex XVII Entry 23 on Cadmium (Cd) 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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Tests Conducted

- 4 EU REACH Regulation (EC) No 1907/2006 and its Amendment(s) including (EU) 2018/2005 Annex XVII Entries 51 and 52 on Phthalates Content

With reference to ISO 8124-6:2023, followed by Gas Chromatographic-Mass Spectrometric (GC-MS).

For 4 phthalates:

Test Item	CAS No.	Result (%)	Detection Limit (%)	Limit (%)
		Tested Component (13+14), (15)		
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

For 7 phthalates:

Test Item	CAS No.	Result (%)	Detection Limit (%)	Limit (%)
		Tested Component (1+2), (3+4+5), (6+7), (16)		
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
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	0.005	--
Di-n-octyl phthalate (DNOP)	117-84-0	ND	0.005	--
Di-iso-decyl phthalate (DIDP)	26761-40-0	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	--	0.1

The limit was quoted according to EU REACH Regulation (EC) No 1907/2006 and its Amendment(s) including (EU) 2018/2005 Annex XVII Entries 51 and 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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Tests Conducted

- 5 EU REACH Regulation (EC) No 1907/2006 and its Amendment(s) including (EU) No 1272/2013 Annex XVII Entry 50 on Polycyclic Aromatic Hydrocarbons (PAHs) Content

With reference to AfPS GS 2019:01 PAK and followed by Gas Chromatography-Mass Spectrometry (GC-MS).

For toys and childcare articles, whose rubber or plastic components come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity:

Test Item	CAS No.	Result (mg/kg)	Detection Limit (mg/kg)	Limit (mg/kg)
		Tested Component		
		(1) to (7), (15), (16)		
Benzo[a]anthracene	56-55-3	ND	0.2	0.5
Chrysene	218-01-9	ND	0.2	0.5
Benzo[b]fluoranthene	205-99-2	ND	0.2	0.5
Benzo[k]fluoranthene	207-08-9	ND	0.2	0.5
Benzo[a]pyrene	50-32-8	ND	0.2	0.5
Dibenzo[a,h]anthracene	53-70-3	ND	0.2	0.5
Benzo[j]fluoranthene	205-82-3	ND	0.2	0.5
Benzo[e]pyrene	192-97-2	ND	0.2	0.5

The limit was quoted according to EU REACH Regulation (EC) No 1907/2006 and its Amendment(s) including (EU) No 1272/2013 Annex XVII Entry 50 on Polycyclic Aromatic Hydrocarbons (PAHs) 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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Tests Conducted

6 Polycyclic Aromatic Hydrocarbons (PAHs) Content (Germany AfPS GS 2019:01 PAK)

With reference to AfPS GS 2019:01 PAK (PAH), PAHs content was determined by Gas Chromatography-Mass Spectrometry (GC-MS).

(I) Test Result

Children products including toys:

Compound	CAS No.	Result (mg/kg)		Limit (mg/kg)		
		(1) to (7)	(15), (16)	Category 1	Category 2a	Category 3a
Phenanthrene	85-01-8	ND	ND	--	--	--
Anthracene	120-12-7	ND	ND	--	--	--
Fluoranthene	206-44-0	ND	ND	--	--	--
Pyrene	129-00-0	ND	ND	--	--	--
Sum (4 PAHs):	--	ND	ND	1	5	20
Naphthalene	91-20-3	ND	ND	1	2	10
Benzo(a)Anthracene	56-55-3	ND	ND	0.2	0.2	0.5
Chrysene	218-01-9	ND	ND	0.2	0.2	0.5
Indeno(1,2,3-cd)Pyrene	193-39-5	ND	ND	0.2	0.2	0.5
Benzo(b)Fluoranthene	205-99-2	ND	ND	0.2	0.2	0.5
Benzo(k)Fluoranthene	207-08-9	ND	ND	0.2	0.2	0.5
Benzo(a)Pyrene	50-32-8	ND	ND	0.2	0.2	0.5
Dibenzo(a,h)Anthracene	53-70-3	ND	ND	0.2	0.2	0.5
Benzo(g,h,i)Perylene	191-24-2	ND	ND	0.2	0.2	0.5
Benzo(e)Pyrene	192-97-2	ND	ND	0.2	0.2	0.5
Benzo(j)Fluoranthene	205-82-3	ND	ND	0.2	0.2	0.5
Sum (15 PAHs):	--	ND	ND	1	5	20
Classification of samples: Category	--	1	3a	--	--	--
Conclusion	--	P	P	--	--	--

ND = Not detected (less than detection limit)

Detection limit = 0.2 mg/kg

P = Pass

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



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Tests Conducted

(II) Categories for Products

Category 1: Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (more than 30s) during the intended use

- in toys according to Directive 2009/48/EC
- or
- for the use by children up to 3 years of age

Category 2: Materials not covered by category 1, coming into long-term contact (more than 30s) or short-term repetitive contact with skin during the intended or foreseeable use

- 2a. use by children
- 2b. other consumer products

Category 3: Materials covered neither by category 1 nor by category 2, coming into short-term contact (up to 30s) with skin during the intended or foreseeable use

- 3a. use by children
- 3b. other consumer products



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Tests Conducted

Test data

1 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 (7)		
Sol. Barium (Ba)	355 [#]	415 [#]	ND	5	1000
Sol. Lead (Pb)	ND	13 [#]	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)	6 [#]	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) was/were adjusted by subtracting analytical correction factor.

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



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Component list:

Sequence No.	Test Component No.	Test Component Description(s)
SN1	1.	White coating on metal (surface of frame of white gate).
SN2	2.	Black coating on metal (surface of frame of black gate).
SN3	3.	Matte white plastic (buckle, connector, end closure of white gate).
SN4	4.	Grey plastic (switch of handle of both gates).
SN5	5.	White plastic (handle, connector of white gate).
SN6	6.	Black plastic (handle, connector of white gate).
SN7	7.	Matte black plastic (buckle, connector, end closure of black style).
SN8	13.	Dark white plastic (joint of short screw of both gates) (internal).
SN9	14.	Light white plastic (anchor of screw of both gates) (internal).
SN10	15.	Black coating on paper (top card).
SN11	16.	Beige paper card/semi-transparent double sides adhesive tape (top card).

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.

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