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Applicant: Zhejiang Wanmei Toy Co.,Ltd

Applicant Address: Binjiang Industrial Area, Dongcheng Street, Yongjia County, Wenzhou City, Zhejiang

Province, China.

The following samples were submitted and identified on behalf of the clients as

Sample Name: Children's Bus Slide Swing Playset

208*192*116cm Description:

Model: WM21B012

Batch No.: 202105

Sample Quantity: 1set

Requested Age Grading: 3years to 6years

Labeled Age Grading: 3-6years old

Test age: 3years to 6years

CPST Internal Reference No.: C210628102

Sample Received Date: Jun 28, 2021

Test Period: Jun 28, 2021 to Jul 01, 2021

Test Method: Please refer to next pages.

Test Result: Please refer to next pages.

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Eurones (Dongguan) Col s Testing Service Co., Ltd

WRITTEN BY:

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CONCLUSION:

TESTED SAMPLES TEST ITEM RESULT

In accordance with Toys (Safety) Regulations 2011 issued by

the UK, to perform the related testing:

1)BS EN 71-1:2014+A1:2018 – Mechanical and Physical PASS

Children's Bus Slide Swing Properties

Playset 2)BS EN 71-2:2020– Flammability PASS

3)BS EN 71-3:2019+A1:2021 – Migration of certain elements PASS

2. BS EN 71-8:2018 Safety of toys - Part 8: Activity toys for

domestic use PASS



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Photo of the Submitted Sample

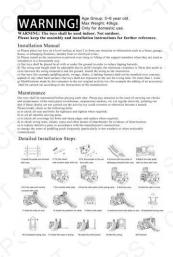




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Postcode: 523945



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Test Result(s):

Description of Specimen : No.1 Children's Bus Slide Swing Playset

No.2 Orange plastic

No.3 Yellow plastic

No.4 Stickers

No.5 White plastic

No.6 Blue plastic

No.7 Dark yellow plastic

No.8 Coating

No.9 Orange leather ball

1) BS EN 71-1:2014+A1:2018 - Mechanical and Physical Properties

Section	Description	Result No.1	
<u>Occilon</u>	Description		
4	General requirement	G? <	
4.1	Material cleanliness (by visual assessment)	Pass	
4.2	Assembly	N.A.	
4.3	Flexible plastics sheeting	N.A.	
4.4	Toy bags	N.A.	
4.5	Glass	N.A.	
4.6	Expanding materials	N.A.	
4.7	Edges	Pass	
4.8	Points and metallic wires	Pass	
4.9	Protruding parts	N.A.	
4.10	Parts moving against each other	3	
4.10.1	Folding and sliding mechanisms	N.A.	
4.10.2	Driving mechanisms	N.A.	
4.10.3	Hinges	N.A.	
4.10.4	Springs	N.A.	
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	N.A.	
4.12	Balloons	N.A.	
4.13	Cords of toy kites and other flying toys	N.A.	
4.14	Enclosures	O ~<	
4.14.1	Toys which a child can enter	N.A.	
4.14.2	Masks and helmets	N.A.	





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Section Description		Result
<u>Jection</u>	<u>Description</u>	No.1
4.15	Toys intended to bear the mass of a child	- X
4.15.1	Toys propelled by the child or by other means	N.A.
4.15.2	Toy bicycles	N.A.
4.15.3	Rocking horses and similar toys	N.A.
4.15.4	Toys not propelled by a child	Pass
4.15.5	Toy scooters.	N.A.
4.16	Heavy immobile toys	N.A.
4.17	Projectiles	-4
4.17.1	General	N.A.
4.17.2	All projectiles	N.A.
4.17.3	Projectile toys with stored energy	N.A.
4.17.4	Certain projectile toys without stored energy	N.A.
4.18	Aquatic toys and inflatable toys	N.A.
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	N.A.
4.20	Acoustics	N.A.
4.21	Toys containing a non-electrical heat source	N.A.
4.22	Small balls	N.A.
4.23	Magnets	
4.23.1	General	N.A.
4.23.2 Toys other than magnetic/electrical experimental sets intended for children over 8 years		N.A.
4.23.3	Magnetic/electrical experimental sets intended for children over 8 years	N.A.
4.24	Yo-yo balls	N.A.
4.25	Toys attached to food	S N.A.
4.26	Toy disguise costumes	N.A.
4.27	Flying toys	~ Q = 2
4.27.1	General	N.A.
4.27.2	Rotors and propellers on flying toys	N.A.
4.27.3	Rotors and propellers on remote controlled flying toys	N.A.
5	Toys intended for children under 36 months.	7
5.1	General requirements	N.A.
5.1a	Small part requirement on toys & removable components	N.A.
5.1b	Abuse test (see test method 8)	N.A.
5.1c	Potential hazardous metal points and wires with a cross section of 2mm or less	N.A.





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Section	Description	
<u>Jection</u>	Section of the sectio	No.1
5.1d	Large and bulky toys	N.A.
5.1e	Glued wooden toys and toys with glued-on plastic decals	N.A.
5.1f	The casing of toys intended for children too young to sit up unaided	N.A.
5.1g	Foam toys and toys containing accessible foam	N.A.
5.2	Soft-filled toys and soft-filled parts of a toy	N.A.
5.3	Plastic sheeting	N.A.
5.4	Cords, chains and electrical cables in toys	5 (
5.4.1	General	N.A.
5.4.2	Cords and chains in toys intended for children under 18 months	N.A.
5.4.3	Cords and chains in toys intended for children of 18 months or over but under 36 months	N.A.
5.4.4	Fixed loops, tangled loops and nooses	N.A.
5.4.5	Cords and chains on pull along toys	N.A.
5.4.6	Electrical cable	N.A.
5.4.7	Cross-sectional dimension of certain cords	N.A.
5.4.8	4.8 Self-retracting cords	
5.4.9	Toys attached to or intended to be strung across a cradle, cot or perambulator	N.A.
5.5	Liquid-filled toys	N.A.
5.6	Speed limitation of electrically-driven ride-on toys	N.A.
5.7	Glass and porcelain	N.A.
5.8	Shape and size of certain toys	N.A.
5.9	Toys comprising monofilament fibres	N.A.
5.10	Small balls	N.A.
5.11	Play figures	N.A.
5.12	Hemispheric-shaped toys	N.A.
5.13	Suction cups	N.A.
5.14	Straps intended to be worn fully or partially around the neck	N.A.
5.15	Sledge with cords for pulling	N.A.
6	Packaging	N.A.
7 2	Warnings, markings and instructions for use	~G^
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass
7.3	Latex Balloons	N.A.





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Section	Description	
<u>Jection</u>	<u> </u>	No.1
7.4	Aquatic toys	N.A.
7.5	Functional Toys	N.A.
7.6	Hazardous sharp functional edges and points	N.A.
7.7	Projectile toys	N.A.
7.8	Imitation protective masks and helmets	N.A.
7.9	Toy kites	N.A.
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	6) (
7.10.1	Roller skates, inline skates and skateboards	N.A.
7.10.2	Ride-on toys without a braking device	N.A.
7.10.3	Electrically-driven ride-on toys	N.A.
7.10.4	Instructions for use	N.A.
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	N.A.
7.12	Liquid-filled teethers	N.A.
7.13	Percussion caps specifically designed for use in toys	N.A.
7.14	Acoustics	N.A.
7.15	Toy bicycle	N.A.
7.16	Toys intended to bear the mass of child	N.A.
7.17	Toys comprising monofilament fibres	N.A.
7.18	Toy scooters	N.A.
7.19	Rocking horses and similar toys	N.A.
7.20	Magnetic/electrical experimental sets	N.A.
7.21	Toys with electrical cables exceeding 300 mm in length	N.A.
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	N.A.
7.23	Toys intended to be attached to a cradle, cot or perambulator	S N.A.
7.24	Sledge with cords for pulling	N.A.
7.25	Flying toys	-8 <u>-</u> 2
7.25.1	Flying toys	N.A.
7.25.2	Remote controlled flying toys	N.A.
7.26	Improvised projectiles	N.A.
8	Test Methods	
8.3	Torque Test	N.A.
8.4	Tension Test	N.A.
8.5	Drop Test	N.A.
8.6	Tip over Test	N.A.





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Section	Description	Result
S	3500 DE CONTRACTOR DE CONTRACT	No.1
8.7	Impact Test	N.A.
8.8	Compression Test	O N.A.
8.9	Soaking Test	N.A.
8.13	Flexure Test	N.A.
8.34	Tension test for magnets	N.A.

N.A. = Not Applicable

The sample was resubmitted by client dated on Jun 08, 2021

2)BS EN 71-2:2020 - Flammability

Section	Description	<u>Result</u>
SECHOIL	Description	No.1
4	Requirements	·62 \ O.
4.1	General requirements	Pass
4.2	Toys to be worn on the head	N.A.
4.3	Toys disguise costumes and toys intended to be worn by a child in play	N.A.
4.4	Toys intended to be entered by a child	N.A.
4.5	Soft filled toys	N.A.

N.A. = Not Applicable





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3)BS EN 71-3:2019+A1:2021 - Migration of certain elements

Test Method: With reference to BS EN 71-3:2019+A1:2021, analysis was performed by Instruments.

8 × 0 × 5 0		Result Category III					(
Test Items	Unit						MDL		
	V 20	No.2	No.3	No.4	No.5	No.6	No.7	No.9	
Soluble Aluminum(AI)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Antimony(Sb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Arsenic(As)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Barium(Ba)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Boron(B)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Cadmium(Cd)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble trivalent chromium(Cr ³⁺)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.62	0.05
Soluble hexavalent chrome(Cr ⁶⁺)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Cobalt (Co)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Copper (Cu)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble Manganese (Mn)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Nickel (Ni)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble Selenium (Se)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.2
Soluble strontium (Sr)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Tin (Sn)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Organotin	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Soluble Zinc (Zn)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5
Conclusion	7 00	2	O _X		PASS	5	0,	-61	. 7

Note:

- 1. mg/kg =milligram per kilogram = ppm
- N.D. = Not Detected (< MDL)
- MDL = Method Detection Limit
- The results of No.6 refer to the test report C210518018003-3





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Http://www.cpstlab.com

Annex

	Limit (mg/kg)				
Soluble Element	Category I	Category II	Category III		
(3°) (3°)	Dry, brittle, powder-like or pliable toy material	Liquid or sticky toy material	Scraped-off toy material		
Soluble Aluminum(Al)	2250	560	28130		
Soluble Antimony(Sb)	45	11.3	560		
Soluble Arsenic(As)	3.8	0.9	47		
Soluble Barium(Ba)	1500	375	18750		
Soluble Boron(B)	1200	300	15000		
Soluble Cadmium(Cd)	1.3	0.3	0 17		
Soluble trivalent chromium(Cr³+)	37.5	9.4	460		
Soluble hexavalent chrome (Cr ⁶⁺)	0.02	0.005	0.053		
Soluble Cobalt (Co)	10.5	2.6	130		
Soluble Copper (Cu)	622.5	156	7700		
Soluble Lead (Pb)	2.0	0.5	23		
Soluble Manganese (Mn)	1200	300	15000		
Soluble Mercury (Hg)	7.5	1.9	94		
Soluble Nickel (Ni)	75	18.8	930		
Soluble Selenium (Se)	37.5	9.4	460		
Soluble strontium (Sr)	4500	1125	56000		
Soluble Tin (Sn)	15000	3750	180000		
Soluble Organotin	0.9	0.2	12		
Soluble Zinc (Zn)	3750	938	46000		





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2.BS EN 71-8:2018 Safety of toys - Part 8: Activity toys for domestic use

<u>Section</u>	<u>Observation</u>			
60,		<u>No.1</u>		
4	Requirements	- 2		
4.1	General	χ 2		
4.1.1	Assembly	PASS		
4.1.2	Static strength	PASS		
4.1.3	Maximum height	PASS		
4.1.4	Corners and edges	PASS		
4.1.5	Protruding parts	PASS		
4.1.6	Diameter of ropes and other means of suspension	PASS		
4.2	Barriers, handrails and ladders and similar means of access to activity toys	- C-		
4.2.1	Barriers and handrails preventing a child from falling down	N.A.		
4.2.2	Ladders and similar means of access to activity toys	PASS		
4.3	Entrapment	\ O		
4.3.1	Entrapment ofhead and neck	PASS		
4.3.2	Entrapment of clothing and hair	PASS		
4.3.3	Entrapment of feet	PASS		
4.3.4	Entrapment of fingers	PASS		
4.4	Stability of activity toys other than slides, swings and activity toys with	0		
0,	crossbeams,and see-saws	2		
4.4.1	General	PASS		
4.4.2	Stability of activity toys with a free height of fall of 600 mm or less	O N.A.		
4.4.3	Stability of activity toys with a free height of fall of more than 600 mm	PASS		
4.5	Slides	-8-		
4.5.1	General	PASS		
4.5.2	Stability of slides	PASS		
4.5.3	Retaining sides for slides	PASS		
4.5.4	Starting, sliding and run-out sections on slides	PASS		
4.6	Swings	PASS		
4.6.1	Stability of swings and other activity toys with crossbeams	PASS		
4.6.2	Static strength of crossbeams, swing devices and suspension connectors	PASS		
4.6.3	Swings intended for children under 36 months	N.A.		
4.6.4	Minimum clearance between adjacent swing elements, and adjacent structures	N.A.		
4.6.5	Lateral stability of swing elements	N.A.		
4.6.6	Minimum clearance between swing elements and the ground	PASS		
4.6.7	Suspension connectors and swing devices	N.A.		





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PASS

<u>Section</u>	<u>Observation</u>	Results
		<u>No.1</u>
4.6.8	Impact, geometry and design of swingelements	PASS
4.7	See-saws	N.A.
4.7.1	Stability of see-saws	N.A.
4.7.2	Seat/stand height	N.A.
4.7.3	Restraint of motion	N.A.
4.7.4	Pinching and crushing of fingers and toes	N.A.
4.7.5	Hand supports	N.A.
4.8	Carousels and rocking activity toys	N.A.
4.9	Paddling pools	N.A.
4.9.1	Static strength of paddling pools with non-inflatable walls	N.A.
4.9.2	Paddling pools with inflatable walls	N.A.
5	Warnings, markings, and instructions	7 7 79
5.1	Warnings and markings	PASS
5.1.1	General	PASS
5.1.2	Paddling pools	N.A.
5.2	Assembly and installation instructions	PASS

N.A. = Not Applicable

Maintenance

5.3

The sample was resubmitted by client dated on Jun 08, 2021

Remark: As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.



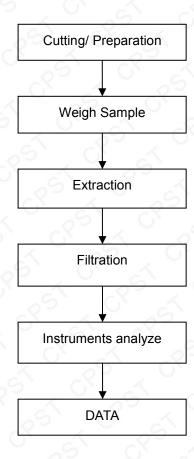


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Migration of certain elements Testing Flow Chart

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All the results refer to test report C210518018002-3

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