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Client: WENZHOU AIDUOPEI AMUSEMENT EQUIPMENT CO., LTD

Contact Information: NO. 202(EAST) QIAOXIA STREET, QIAOXIA TOWN, YONGJIA COUNTY, WENZHOU CITY, ZHEJIANG PROVINCE, CHINA

Manufacturer's name: WENZHOU KUTAO TOYS CO., LTD.
Tianyuan Village, Qiaoxia Twon, Yongjia County, Wenzhou City, Zhejiang Province, China 325106

Test item(s): Toy

Identification/ Model No(s): Slide with Swing
EDS032

Sample obtaining method: Sending by customer

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2023-10-16

Testing Period: 2023-10-16 to 2023-10-24

Place of testing: Chemical laboratory Shanghai, Toys laboratory Shanghai

Test Specification:

Please refer to "Test Result Summary List" on page 2 for details

Other information:

Packaging provided: Artwork
The provided age grade of the item: Over 12 months.
The appropriate age grade of the item: Over 18 months.
The item was tested over 18 months.
^As per applicant's request, selected item was tested. For details please see material list.

For and on behalf of
TÜV Rheinland (Shanghai) Co., Ltd.



2023-10-26

Neo Yang / Assistant Manager

Date

Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.
This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.
"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

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Test Result Summary :

Test Specification:

- 1 EN 71-1:2014+A1:2018 Mechanical and physical properties
- 2 2009/48/EC CE marking
- 3 2009/48/EC Labeling Requirement
(Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning instruction)
- 4 EN 71-2:2020 Flammability
- 5 EN 71 - 8: 2018 Activity toys for domestic use
- 6 EN 71-3:2019+A1:2021 Migration of 19 Elements^

Test result:

PASS
PASS
Please refer to result page

PASS
PASS
Please refer to result page

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Material List:

Item: Slide with Swing
EDS032

Material No.	Material	Color	Location
M001	Whole Product	grey/white	refer to photo
M002	Plastic	white	refer to photo
M003	Plastic	green	refer to photo
M004	Plastic	yellow	refer to photo
M005	Plastic	grey	refer to photo

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1. EN 71-1:2014+A1:2018 Mechanical and physical properties

	Test No:	T001
	Material No:	M001
4. General requirements		
4.1 Material cleanliness		PASS
4.2 Assembly		PASS
4.7 Edges		PASS
4.8 Points and metallic wires		PASS
5. Toys intended for children under 36 months		
5.1 General requirements		PASS
5.4 Cords, chains and electrical cables in toys		PASS
6. Packaging		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

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2. 2009/48/EC CE Marking
Test result:

	Test No:	T001
	Material No:	M001
CE-marking		Pass

Remark:

* The manufacturer/trader/applicant has provided the artwork for assessment in this test report.

3. 2009/48/EC Labeling Requirement (Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning instruction)
Test result:

	Test No:	T001
	Material No:	M001
Importer/ Manufacturer Mark (European Company name and address)+		Present
Product Identification - type, batch, serial or model number+		Present

Remark:

+ These labeling shall be indicated on the toy, or where that is not possible, on its packaging or in a documents accompanying the toys.

The correct adherence to all requirements according to directive 2009/48/EC in regards to the marking (name or trademark and contact address of the manufacturer respectively the marking for identification [type, batch, model or serial no.]) of the toy can only be confirmed by the manufacturer, his delegate or the person who brings it onto the market. The marked article were assessed, however, they can not be evaluated in the frame of this test.

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4. EN 71-2:2020 Flammability**Test result:**

	Test No:	T001
	Material No.	M001
4.1 General requirements		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

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5.EN 71 - 8: 2018 Activity toys for domestic use**Test result:**

	Test No:	T001
	Material No:	M001
4 Requirements		
4.1 General		PASS
4.3 Entrapment		PASS
4.4 Stability of activity toys other than slides, swings and activity toys with crossbeams, and see-saws		PASS
4.5 Slides		PASS
4.6 Swings		PASS
5 Warnings, markings, and instructions		
5.1 Warnings and markings		PASS
5.2 Assembly and installation instructions		PASS
5.3 Maintenance		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

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6. EN 71-3:2019+A1:2021 Migration of 19 Elements

Test Method: with reference to EN 71-3:2019+A1:2021, analyzed by ICP-OES / ICP-MS / LC-ICP-MS/IC-UV/GC-MS.

3) For scraped-off toy materials:
Test Result:

Test Parameter	Unit	RL	Test No.	T001	T002	T003
			Material No.	M002	M003	M004
			Regulatory Requirement	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	< RL	< RL	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< RL
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	< RL	< RL	< RL
Boron (B)	mg/kg	10	15,000	< RL	< RL	< RL
Cadmium (Cd)	mg/kg	1	17	< RL	< RL	< RL
Chromium III (Cr(III))	mg/kg	10	460	< RL	< RL	< RL
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL	< RL	< RL
Cobalt (Co)	mg/kg	2.5	130	< RL	< RL	< RL
Copper (Cu)	mg/kg	2.5	7,700	< RL	< RL	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL	< RL	< RL
Mercury (Hg)	mg/kg	2.5	94	< RL	< RL	< RL
Nickel (Ni)	mg/kg	2.5	930	< RL	< RL	< RL
Selenium (Se)	mg/kg	10	460	< RL	< RL	< RL
Strontium (Sr)	mg/kg	2.5	56,000	< RL	< RL	< RL
Tin (Sn)	mg/kg	1.0	180,000	< RL	< RL	< RL
Organic Tin [^]	mg/kg	0.2	12	-	-	-
Zinc (Zn)	mg/kg	10	46,000	< RL	< RL	< RL
Mass of trace amount #	mg	--	--	-	-	-
Conclusion				PASS	PASS	PASS

Abbreviation:
 < = less than
 RL = Reporting Limit
 mg/kg denotes milligram per kilogram
 mg denotes milligram
 ^ denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.6 mg/kg) or the components were confirmed to be pure metal

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Test Result:

				Test No.	T004
				Material No.	M005
Test Parameter	Unit	RL	Regulatory Requirement	Result	
Aluminium (Al)	mg/kg	10	28,130	< RL	
Antimony (Sb)	mg/kg	5	560	< RL	
Arsenic (As)	mg/kg	5	47	< RL	
Barium (Ba)	mg/kg	2.5	18,750	< RL	
Boron (B)	mg/kg	10	15,000	< RL	
Cadmium (Cd)	mg/kg	1	17	< RL	
Chromium III (Cr(III))	mg/kg	10	460	< RL	
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL	
Cobalt (Co)	mg/kg	2.5	130	< RL	
Copper (Cu)	mg/kg	2.5	7,700	< RL	
Lead (Pb)	mg/kg	2.5	23	< RL	
Manganese (Mn)	mg/kg	2.5	15,000	< RL	
Mercury (Hg)	mg/kg	2.5	94	< RL	
Nickel (Ni)	mg/kg	2.5	930	< RL	
Selenium (Se)	mg/kg	10	460	< RL	
Strontium (Sr)	mg/kg	2.5	56,000	< RL	
Tin (Sn)	mg/kg	1.0	180,000	< RL	
Organic Tin [^]	mg/kg	0.2	12	-	
Zinc (Zn)	mg/kg	10	46,000	< RL	
Mass of trace amount #	mg	--	--	-	
Conclusion				PASS	

Abbreviation:

< =	less than
RL =	Reporting Limit
mg/kg	denotes milligram per kilogram
mg	denotes milligram
^	denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.6 mg/kg) or the components were confirmed to be pure metal

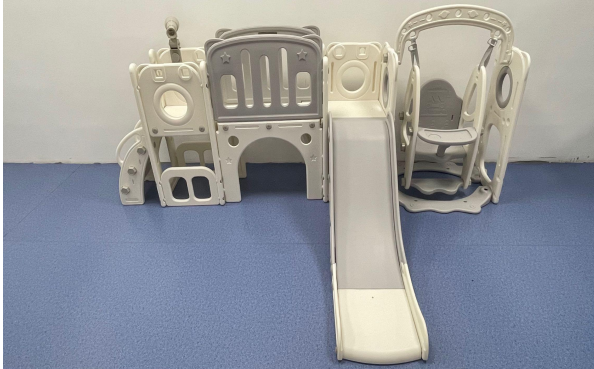
Remark:

- * Categorization of toys materials is based on the material texture. According to point H.11 of Annex H to EN 71-3:2019+A1:2021 / BS EN 71-3:2019+A1:2021 , cosmetic materials with dry, brittle, powder like or pliable texture such as lipstick and eyeshadow are considered as category I materials. However, as a reminder, it cannot preclude the possibility that some national enforcement authorities might take a more stringent action to treat cosmetic materials as sticky and evaluate according to category II requirement as they are intended to be applied on skin and retained for long time.
- # According to EN 71-3:2019+A1:2021, if the weight of a test portion of toy material is less than 10mg, the analysis of migration of certain elements would not be required. If the weight of a test portion of toy material is between 10mg and 100mg, the analytical results would be calculated as though 100mg of the test portion had been used.

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Sample Photos



- END -

