

TEST REPORT

APPLICANT : KINGDOM TOYS & GIFTS CO., LTD

ADDRESS : 5/F., NO.71-2 71-7 NAIYAN RD, JIAOJIANG,
TAIZHOU, ZHEJIANG, CHINA

SAMPLE DESCRIPTION : WOODEN TOYS

ITEM NO. : TN100, TN101, TN106

SUPPLIER : KINGDOM TOYS & GIFTS CO., LTD

BUYER : ONYIE HEDIYELIK ESYA SAN. TIC. LTD. STI.

COUNTRY OF ORIGIN : China

COUNTRY OF DESTINATION : Turkey

AGE REQUESTED ON APPLICATION FORM : 3+

LABELED AGE GRADE : Not Present

LAB RECOMMENDED AGE GRADE : 3+

SAMPLE RECEIVED DATE : 19-Jun-2012

TURN AROUND TIME : 19-Jun-2012 to 25-Jun-2012, 4 working days

TEST REQUESTED	RESULT
- EN71 Part 1:2011 – Mechanical and Physical Properties	Pass (See Remark)
- EN71 Part 2 :2011 – Flammability	Pass
- EN71 Part 3:1994+ A1:2000 + AC: 2002 – Migration of Certain Elements	Pass

Eurofins (Shanghai) contact information

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***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
Eurofins Product Testing Service (Shanghai) Co., Ltd



Terric Ji
Lab Manager

SAMPLE PHOTO



EFSH12060389-ST

TO BE CONTINUED

TEST RESULT

1. Mechanical and Physical Properties

As Specified in European Standard on Safety of Toys EN71 Part 1:2011

Clause	Description	Result
4	General requirements	
4.1	Material (by visual assessment)	Pass
4.2	Assembly	Not Applicable
4.3	Flexible plastics sheeting	Not Applicable
4.4	Toy Bags	Not Applicable
4.5	Glass	Not Applicable
4.6	Expanding Materials	Not Applicable
4.7	Edges	Pass
4.8	Points and Metallic Wires	Pass
4.9	Protruding parts	Pass
4.10	Parts moving against each other:	
4.10.1	Folding and sliding mechanisms	Not Applicable
4.10.2	Driving mechanisms.	Not Applicable
4.10.3	Hinges	Not Applicable
4.10.4	Springs	Not Applicable
4.11	Mouth actuated toys	Not Applicable
4.12	Balloons	Not Applicable
4.13	Cords of toy kites and other flying toys.	Not Applicable
4.14	Enclosures:	
4.14.1	Toys which a child can enter	Not Applicable
4.14.2	Masks and helmets	Not Applicable
4.15	Toys intended to bear the mass of a child:	
4.15.1	Toys propelled by the child or by other means	Not Applicable
4.15.2	Free-wheeling toy bicycles	Not Applicable
4.15.3	Rocking horses and similar toys	Not Applicable
4.15.4	Toys not propelled by a child	Not Applicable
4.15.5	Toys scooters	Not Applicable
4.16	Heavy immobile toys	Not Applicable
4.17	Projectiles	Not Applicable
4.18	Aquatic toys	Not Applicable
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	Not Applicable
4.20	Acoustics	Not Applicable
4.21	Toys containing a non-electrical heat source	Not Applicable
4.22	Small balls	Not Applicable
4.23	Magnets	Not Applicable
4.24	Yo-yo ball	Not Applicable
4.25	Toys attached to food	Not Applicable

TO BE CONTINUED

TEST RESULT

Clause	Description	Result
5	Toys intended for children under 36 months	
5.1	General requirements	Not Applicable
5.2	Filling materials	Not Applicable
5.3	Plastic sheeting	Not Applicable
5.4	Cords on toys	Not Applicable
5.5	Liquid-filled toys	Not Applicable
5.6	Speed limitation of electrically driven toys	Not Applicable
5.7	Glass and porcelain	Not Applicable
5.8	Shape and size of certain toys	Not Applicable
5.9	Toys comprising monofilament fibres	Not Applicable
5.10	Small balls	Not Applicable
5.11	Play figures	Not Applicable
5.12	Hemispheric-shaped toys	Not Applicable
5.13	Suction cups	Not Applicable
5.14	Straps intended to be worn fully or partially around the neck	Not Applicable
6	Packaging	Not Applicable
7	Warnings and instructions for use	
	Markings and information required by Directive 2009/48/EC	Not Request (See Remark 1)
7.1	General	Not Request (See Remark 2)
7.2	Toys not intended for children under 36 months	Not Request (See Remark 2)
7.3	Latex Balloons	Not Applicable
7.4	Aquatic toys	Not Applicable
7.5	Functional Toys	Not Applicable
7.6	Hazardous sharp functional edges and points	Not Applicable
7.7	Projectiles	Not Applicable
7.8	Imitation protective masks and helmets	Not Applicable
7.9	Toy kites	Not Applicable
7.10	Roller skates, inline skates and toy skateboards	Not Applicable
7.11	Toys intended to be strung across a cradle, cot, or perambulator	Not Applicable
7.12	Liquid-filled teethers	Not Applicable
7.13	Percussion caps specifically designed for use in toys	Not Applicable
7.14	Acoustics	Not Applicable
7.15	Toys bicycles	Not Applicable
7.16	Toys intended to bear the mass of a child	Not Applicable
7.17	Toys comprising monofilament fibres	Not Applicable
7.18	Toy scooters	Not Applicable
7.19	Rocking horses and similar toys	Not Applicable
7.20	Magnetic/electrical experimental sets	Not Applicable
7.21	Toy with electrical cables exceeding 300mm in length	Not Applicable
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	Not Applicable

TO BE CONTINUED

TEST RESULT

Remark:

1. The Toy Safety Directive 2009/48/EC contain marking and labelling requirements with respect to CE marking, manufacturer's/importer's details and identification of the toy. These are not part of the EN 71 requirements but are legally required. These details should be present on the packaging but (with the exception of the CE marking) they should also be affixed to the toy. The details may exceptionally be moved from the toy to the packaging if this rule cannot be followed e.g. the size and/or the nature of the toy makes the indications illegible/ technically impossible, or for economical reasons.
2. The mouths, feed, tails of wooden animal are small part as received. There should be appropriate age warning on toy or its packaging. As per client's request, except clause 7.1 & 7.2.

2. Flammability of Toys

As Specified in European Standard on Safety of Toys EN71 Part 2:2011.

Clause	Description	Result
4	Requirements	
4.1	General Requirements	Pass
4.2	Toys to be worn on the head	Not Applicable
4.3	Toy disguise costumes and toys intended to be worn by a child in play	Not Applicable
4.4	Toys intended to be entered by a child.	Not Applicable
4.5	Soft-filled toys (animals and dolls, etc) with a piled or textile surface (Sample was not tested as its maximum dimension is 150mm or less.)	Not Applicable

TO BE CONTINUED

TEST RESULT

3. Migration of Certain Elements

As per European Standard on Safety of Toys EN71 Part 3:1994+ A1:2000 + AC: 2002, soluble toxic element contents are determined by Inductively Coupled Plasma – Atomic Emission Spectrometry.

Detection limit : 2.5 mg/kg for As, 10 mg/kg for Ba and Se, and 5 mg/kg for the other 5 soluble toxic elements

Component No.	Testing element								Conclusion
	Sb	As	Ba	Cd	Cr	Pb	Hg	Se	
	Limit [mg/kg]								
	60	25	1000	75	60	90	60	500	
2	ND	ND	17.3	ND	ND	ND	ND	ND	Pass
3	ND	ND	ND	ND	ND	ND	ND	ND	Pass
4	ND	ND	ND	ND	ND	ND	ND	ND	Pass
6	ND	ND	12.3	ND	ND	ND	ND	ND	Pass
7	ND	ND	14.6	ND	ND	ND	ND	ND	Pass
8	ND	ND	237	ND	ND	ND	ND	ND	Pass
9	ND	ND	14.6	ND	ND	ND	ND	ND	Pass
10	ND	ND	ND	ND	ND	ND	ND	ND	Pass
11	ND	ND	20.7	ND	ND	ND	ND	ND	Pass
13	ND	ND	237	ND	ND	ND	ND	ND	Pass
14	ND	ND	155	ND	ND	ND	ND	ND	Pass
15	ND	ND	ND	ND	ND	ND	ND	ND	Pass
16	ND	ND	237	ND	ND	ND	ND	ND	Pass
17	ND	ND	ND	ND	ND	ND	ND	ND	Pass
18	ND	ND	10.6	ND	ND	ND	ND	ND	Pass
19	ND	ND	18.6	ND	ND	ND	ND	ND	Pass

TO BE CONTINUED

Component No.	Component
1(*1)	White coating.
2	Wood excluding coating.
3	Plywood.
4	Vanish coating on wood.(go to school TN100)
5(*1)	Multicolor coating on wood.(go to school TN100)
6	Pink coating.(happy adding)
7	Yellow coating.(happy adding)
8	Green coating.(happy adding)
9	Yellow coating.(happy adding)
10	Red coating.(animal jigsaw)
11(*2)	Purple coating. (animal jigsaw)
12(*1)	Orange coating. (animal jigsaw)
13	Green coating. (animal jigsaw)
14	Blue coating. (animal jigsaw)
15	Black coating. (animal jigsaw)
16	Lake green coating. (animal jigsaw)
17	Multicolor paper with glue on wood. (animal jigsaw)
18	Transparent film on box of happy adding.
19	Paper board excluding transparent film.(happy adding)

Remark of tests of EN 71, Part 3:

*1. The test result was not applicable due to the sample weight of test portion is less than 10 mg.

*2. The test result was calculated as if 100 mg of test portion had been used and the sample weight of test portion is less than 100 mg.

Note:

ND = Not detected, less than detection limit

mg/kg = Milligram per kilogram based on dry weight

Results shown are of the adjusted analytical results

*** END OF THE REPORT ***