



Report No.: RTS221025F3493TY

Date : 2022-10-31

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# TEST REPORT

**OVERALL RATING**

× PASS

FAIL

**Test information**

<b>Applicant</b>	:	One for Fun Limited.
<b>Address</b>	:	3-5 Cambuslang Way, Gateway Office Park, Cambuslang, Glasgow, G32 8ND.
<b>Sample Description</b>	:	Jump Rope
<b>PO #</b>	:	Not provided.
<b>Style #</b>	:	SV14309, 318799HGL
<b>Supplier</b>	:	Not provided.
<b>Labeled Age Grade</b>	:	--.
<b>Client Request Age Grade</b>	:	3 years +.
<b>Age grade for testing</b>	:	3 years +.
<b>Country of origin</b>	:	China.
<b>Export to</b>	:	Not provided.
<b>Buyer</b>	:	Not provided.
<b>Receiving Date</b>	:	October 25, 2022.
<b>Test period</b>	:	October 25, 2022.~October 31, 2022.
<b>Test Requested</b>	:	Tests requested in accordance to client requirement.

Signed for and on behalf of  
RTS TEST CO., LTD. (Zhejiang)

CHANGBIAO YU

Approved signatory



BINBIN ZOU



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Scan for authenticity

**Zhejiang RTS Test Co., LTD.**

Phone: +86(0)579-85640080

Email: [ruiyi-8@zj-rt.com](mailto:ruiyi-8@zj-rt.com)<http://www.irtslab.com>浙江省义乌市稠江街道英才创业园B区7幢2-4层,  
Choujiang Street, Yiwu, Zhejiang.

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<u>TEST ITEMS</u>	<u>CONCLUSIONS</u>
EN71-1:2014+A1:2018 - Mechanical and Physical Properties(Excepted clause 7 Warnings, markings and instructions for use as per client's request)	PASS
EN71-2:2020 - Flammability	PASS
Entry 43 of Regulation (EC) No 552/2009 and (EU) No.126/2013 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - AZO Dyes test	PASS

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<http://www.irtslab.com>

浙江省义乌市稠江街道英才创业园B区7幢2-4层.  
Choujiang Street, Yiwu, Zhejiang.

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**Sample image:**



Test Number	Item/ component description(s)
A	Jump Rope (light blue style)
A1	Two kinds of Colorful rope mixed

**Test result:****A. European Standard-Safety of Toys: EN71-1:2014+A1:2018 Mechanical and Physical Properties:**

Section(s)	Test	Test Results A
4	General Requirements	
4.1	Material cleanliness	PASS
4.2	Assembly	N/A
4.3	Flexible plastic 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	N/A
4.10.1	Folding & 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	N/A
4.14.1	Toys which a child can enter	N/A
4.14.2	Masks & Helmets	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.15.1	Toys propelled by a child or other means	N/A
4.15.2	Toy bicycles	N/A
4.15.3	Rocking horses & similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toy scooters	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectile toys	N/A
4.17.1	General	N/A
4.17.2	All projectiles	N/A
4.17.3	Projectiles 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

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2-4/f, Building 7, Block B, Ying cai Business Park,  
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Section(s)	Test	Test Results 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	N/A
4.24	Yo-Yo balls	N/A
4.25	Toys attached to food	N/A
4.26	Toy disguise costumes	N/A
4.27	Flying toys	N/A
5	Toys intended for children under 36 months	
5.1	General requirements	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	N/A
5.5	Liquid-filled toys	N/A
5.6	Speed limitation of electrically driven 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
6	Packaging	N/A
7	Warnings, markings and instructions for use	N/C

**Remark:** N/A= Not Applicable, N/C= Not Conducted as per client's request.

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**B. European Standard-Safety of Toys: EN71-2:2020 - Flammability :**

Test Item(s)	Observation	Test Results A
4.1 General	No visual signs of Cellulose Nitrate and highly flammable solids.	PASS
4.2 Toys to be worn on the head	/	N/A
4.3 Toy 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

**Remark:** N/A= Not Applicable

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**C. AZO-dyes content test:** (Unit: mg/kg)

Entry 43 of Regulation (EC) No 552/2009 and (EU) No 126/2013 amending Annex XVII of REACH Regulation (EC) No 1907/2006.

**Test Method:** With reference to EN ISO 14362-1:2017 & EN ISO 14362-3:2017; Analysis was performed by GC-MS/HPLC-DAD.

Test Number	Item/ component description(s)
A1	Two kinds of Colorful rope mixed

Test Items		MDL	Limit	Test Result
Prohibitive aromatic amines	CAS No.			A1▲
1. o-Toluidine/2-aminotoluene	95-53-4	5	30	N.D.
2. 2,4-Dimethylaniline,	95-68-1	5	30	N.D.
3. 2,6-Dimethylaniline,	87-62-7	5	30	N.D.
4. o-Anisidine/2-Methoxyaniline,	90-04-0	5	30	N.D.
5. P-chloranilin/4-Chloroaniline,	106-47-8	5	30	N.D.
6. 2-Methoxy-5-methylaniline,	120-71-8	5	30	N.D.
7. 2,4,5-Trimethylaniline,	137-17-7	5	30	N.D.
8. 4-Chloro-2-methylaniline,	95-69-2	5	30	N.D.
9. 2,4-Diaminotoluene/4-methyl-m-phenylenediamine	95-80-7	5	30	N.D.
10. 2,4-Diaminoanisole/4-methoxy-m-phenylenediamine	615-05-4	5	30	N.D.
11. 2-Naphthylamine,	91-59-8	5	30	N.D.
12. 2-Amino-4-nitrotoluene,	99-55-8	5	30	N.D.
13. 4-Aminobiphenyl/xenylamine/Biphenyl-4-ylamine	92-67-1	5	30	N.D.
14. 4-Aminoazobenzene,	60-09-3	5	30	N.D.
15. 4, 4'-oxydianiline	101-80-4	5	30	N.D.
16. Benzidine,	92-87-5	5	30	N.D.
17. 4,4'-Diaminodiphenylmethane/4,4'-methylenedianiline,	101-77-9	5	30	N.D.
18. 4'-Amino-2,3'-dimethylazobenzene/ 4-o-tolylazo-o-toluidine/o-Aminoazotoluene,	97-56-3	5	30	N.D.
19. 3,3'-Dimethy-4,4'-diaminodiphenylmethane/ 4,4'-methylene-di-o-toluidine,	838-88-0	5	30	N.D.
20. 3,3-Dimethylbenzidine/4,4'-bi-o-Toluidine,	119-93-7	5	30	N.D.
21. 4,4'-Thiodianiline,	139-65-1	5	30	N.D.
22. 3,3'-Dichlorobenzidine/ 3,3'-Dichlorobiphenyl-4,4'-ylenediamine,	91-94-1	5	30	N.D.
23. 4,4'-Methylene-bis(2-chloroaniline)/ 2,2'-dichloro-4,4'-methylene-dianiline,	101-14-4	5	30	N.D.
24. 3,3'-Dimethoxybenzidine/o-dianisidine,	119-90-4	5	30	N.D.

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<http://www.irtslab.com>浙江省义乌市稠江街道英才创业园B区7幢2-4层,  
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**Note:**

- 1) 1mg/kg = 0.0001% = mass percent.
- 2) N.D. = not detected, less than MDL.
- 3) MDL = Method Detection Limit.
- 4) "▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

**Remark:**

- 1) In case polyurethane materials are used, e.g. PU foams and coating and in prints, it cannot be ruled out that certain amines, e.g. 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) and 2,4-toluylen-diamine (TDA, CAS number 95-80-7) are released from the PU component and not from a banned AZO colorant.
- 2) In case of pigment prints care has to be taken that 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) is not released from a source of banned AZO colorants but from e.g. a chemical fixing agent.
- 3) The EN ISO 14362-1:2017 methods will enable further cleavage of 4-Aminoazobenzene to non-forbidden amines: aniline and 1,4-phenylenediamine, therefore, the test method of EN ISO 14362-3:2017 was employed to verify the presence of 4-Aminoazobenzene.

----- End of Report -----