



**BUREAU  
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

## YUNHE CHENYI TOYS CO., LTD

**Technical Report:** (8525)321-0617  
Date Received: November 17, 2025

December 04, 2025  
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YUNHE CHENYI TOYS CO., LTD  
NO.29 XIKENGBIAN, WAYAO VILLAGEBAILONGSHAN  
STREET, YUNHE COUNTY, LISHUICITY, ZHEJIANG  
PROMINCE, CHINA

Sample Description:	RED DOCTOR SET [GIFT BOX] RED DOCTOR SET [BAG] RED DOCTOR SET 1) RED DOCTOR SET [GIFT BOX] 2) RED DOCTOR SET [BAG] 3) RED DOCTOR SET	Sample Size:	9
Vendor:	/	Style No(s):	KBQ-2025004-1 KBQ-2025004-2 KBQ-2025004-3
Manufacturer:	/	SKN/SKU No.:	/
Buyer:	/	PO No.:	/
Labeled Age Grade:	3+	Ref #:	/
Appropriate Age Grade:	OVER 3 YEARS OF AGE	Country of Origin:	CHINA
Client Specified Age Grade:	NOT SPECIFIED	Assortment No.:	/
Tested Age Grade:	OVER 3 YEARS OF AGE		
UPC Code:	/		

### **EXECUTIVE SUMMARY:**

The sample(s) MEETS the following requirement(s):

- Labeling requirements of "CE marking, manufacturer/ Importer name and address, and product identification" under "Directive 2009/48/EC Safety of Toy".
- The mechanical and physical properties requirements of the tested subclauses of the European Standard, "Safety of toys", EN71: Part 1:2014+A1:2018, clauses 1-7.
- The flammability requirements of the European Standard "Safety of Toys", EN 71: Part 2: 2020.
- The flammability requirements of the European Standard "Safety of Toys", EN 71: Part 2: 2020+A1:2025.
- The BBP, DBP DEHP and DIBP content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 51 (amended up to EU No. 2018/2005).
- The DNOP, DINP and DIDP content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 52.
- The migration of certain elements in Category III - Scraped off toy material requirements of the European Standard, "Safety of Toys", EN 71 Part 3: 2019+A2:2024.



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- The DBT, DOT and tri-substituted organostannic compound content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 20 (4, 5 & 6).

Note: Client specified the tested component(s).

NOTE: If there are questions or concerns regarding above report, please contact the appropriate lab persons.

General Enquiries:

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BUREAU VERITAS SHENZHEN CO., LTD.

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SC / ch



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**RESULTS:**

**APPROPRIATE AGE GRADE DETERMINATION**

The Appropriate Age Grade is determined with reference to the EN71: Part 1 : 2014 +A1:2018, CEN ISO/TR 8124-8:2016 Safety of toys - Part 8: Age Determination Guidelines prepared by Technical Committee CEN/TC 52 and Age Grade Determination Guidelines of the Consumer Product Safety Commission (CPSC).

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.



**RESULTS:**

**MECHANICAL & PHYSICAL PROPERTIES  
 (EN 71: PART 1 – 2014+A1 – 2018)**

Subclause	Requirement	Result
4.1	Material cleanliness	M
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	M
4.8	Points and metallic wires	M
4.9	Protruding parts	N/A
4.10	Parts moving against each other	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	Cord of toy kites and other flying toys	N/A
4.14	Enclosures	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.15.1	Toys propelled by child	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 child	N/A
4.15.5	Toy scooters	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectile toys	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	M
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small balls	N/A
4.23	Magnet	M
4.24	Yo-yo ball	N/A
4.25	Toys attached to food	N/A
4.26	Toy Disguise Costumes	N/A
4.27	Flying toys	N/A

**FOR TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS**

5.1	General requirements	N/A
5.1a	Small parts – as received	N/A
5.1b	Small parts, sharp points, sharp edges – after tests	N/A
5.1c	Cross section <2mm metal points & wires	N/A
5.1d	Large and bulky toys	N/A
5.1e	Toys contain glue	N/A
5.1f	Casing of toys	N/A



**RESULTS:**

**MECHANICAL & PHYSICAL PROPERTIES  
 (EN 71: PART 1 – 2014+A1 – 2018)**

Subclause	Requirement	Result
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
5.4.1	Cords, chains and electrical cables in toys – 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 cables	N/A
5.4.7	Cross-sectional dimension of certain cords	N/A
5.4.8	Self-retracting cords	N/A
5.4.9.1	Toys intended to be strung across a cradle, cot or perambulator	N/A
5.4.9.2	Toys otherwise intended to be attached to 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	Sledges with cords for pulling	N/A
6	Packaging	N/A

**WARNINGS, INSTRUCTIONS FOR USE**

7.1	General	M
7.2	Toys not intended for children under 36 months	M
7.3	Latex balloons	N/A
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
7.10.1	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



**RESULTS:**

**MECHANICAL & PHYSICAL PROPERTIES  
 (EN 71: PART 1 – 2014+A1 – 2018)**

<b>Subclause</b>	<b>Requirement</b>	<b>Result</b>
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 bicycles	N/A
7.16	Toys intended to bear the mass of a 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	N/A
7.24	Sledges with cords for pulling	N/A
7.25.1	Flying toys	N/A
7.25.2	Remote controlled flying toys	N/A
7.26	Improvised projectiles	N/A

M = Meet NM = Not Meet N/A = Not Applicable NT = Not Tested NR = Not Requested R = Refer to Comment Section



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**RESULTS:**

**2009/48/EC GENERAL LABELING REQUIREMENT**  
**(Applicable if the Country of Distribution is EU countries, Turkey and Northern Ireland)**

<b>Requirement</b>	<b>Result</b>
CE Mark	M
Manufacturer/ Importer name and address	M
Product Identification	M

M = Meet NM = Not Meet N/A = Not Applicable NT = Not Tested NR = Not Requested R = Refer to  
Comment Section



**RESULTS:**

**FLAMMABILITY  
 (EN 71 PART 2: 2020)**

Subclause	Requirement	Result
4.1	General requirements	M
4.1 a	Cellulose nitrate	NP
4.1 b	Highly flammable solids	NP
4.1 c	Surface flash on a piled surface	N/A
4.1 d	Flammable gases	N/A
4.1 e	Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels	N/A
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
4.3 a	warning on product and packaging (10 - 30 mm/s)	N/A
4.4	Toys intended to be entered by child	N/A
4.4 a	warning on product and packaging (10 – 30 mm/s)	N/A
4.5	Soft-filled toys	N/A

M = Meet NM = Not Meet P = Present NP = Not Present N/A = Not Applicable NT = Not Tested NR = Not Requested R = Refer to Comment Section



**RESULTS:**

**FLAMMABILITY  
 (EN 71 PART 2: 2020+A1:2025)**

<b>Subclause</b>	<b>Requirement</b>	<b>Result</b>
4.1	General requirements	M
4.1 a	Cellulose nitrate	NP
4.1 b	Highly flammable solids	NP
4.1 c	Surface flash on a piled surface	N/A
4.1 d	Flammable gases	N/A
4.1 e	Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels	N/A
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
4.3 a	warning on product and packaging (10 - 30 mm/s)	N/A
4.4	Toys intended to be entered by child	N/A
4.4 a	warning on product and packaging (10 – 30 mm/s)	N/A
4.5	Soft-filled toys	N/A

M = Meet NM = Not Meet P = Present NP = Not Present N/A = Not Applicable NT = Not Tested NR = Not Requested R = Refer to Comment Section



**RESULTS:**

**BBP/DBP/DEHP/DIBP CONTENTS (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 51 (amended up to EU No. 2018/2005))**

**Test Method** : International Standard ISO 8124-6: 2018, Method C.

Sample Identity	Color / Component	Location	Style
1	clear coating	wood	A - C
2	red coating	wood	A - C
3	white coating	wood	A - C
4	off-white soft plastic	elastic band	A - C
5	clear plastic	mirror	A - C
6	translucent plastic	zipper tooth	A - C
7	flat translucent plastic	whistle body	A - C
8	black soft plastic	elastic band	A - C
9	translucent white plastic	whistle mouth	A - C

Parameter	Unit	Result			Limit
		1 + 2 + 3	4 + 5 + 6	7 + 8 + 9	
BBP	%	LT 0.005	LT 0.005	LT 0.005	0.1
DBP	%	LT 0.005	LT 0.005	0.00609	0.1
DEHP	%	0.0175	LT 0.005	LT 0.005	0.1
DIBP	%	LT 0.005	LT 0.005	0.0151	0.1
Sum of four phthalates	%	LT 0.02	LT 0.02	0.02119	0.1
<b>Conclusion</b>	-	PASS	PASS	PASS	-

Detection Limit :

BBP = Butyl benzyl phthalate (0.005%)

DBP = Dibutyl phthalate (0.005%)

DEHP = Di(2-ethylhexyl) phthalate (0.005%)

DIBP = Diisobutyl phthalate (0.005%)

LT = Less than

ND = None detected

Results reported in percentage



**RESULTS:**

**DNOP/DINP/DIDP CONTENTS IN TOYS AND CHILDCARE ARTICLES WHICH CAN BE PLACED IN MOUTH BY THE CHILDREN (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 52)**

**Test Method** : International Standard ISO 8124-6: 2018, Method C.

Sample Identity	Color / Component	Location	Style
1	clear coating	wood	A - C
2	red coating	wood	A - C
3	white coating	wood	A - C
4	off-white soft plastic	elastic band	A - C
5	clear plastic	mirror	A - C
6	translucent plastic	zipper tooth	A - C

Parameter	Unit	Result		Limit
		1 + 2 + 3	4 + 5 + 6	
DNOP	%	LT 0.005	LT 0.005	0.1
DINP	%	LT 0.005	LT 0.005	0.1
DIDP	%	LT 0.005	LT 0.005	0.1
Sum of DNOP, DINP and DIDP	%	LT 0.015	LT 0.015	0.1
<b>Conclusion</b>	-	PASS	PASS	-

LT = Less than

ND = None detected

Results reported in percentage

Detection Limit :

DNOP = Di-n-octyl phthalate (0.005%)

DINP = Di-iso-nonyl phthalate (0.005%)

DIDP = Di-iso-decyl phthalate (0.005%)



**RESULTS:**

**MIGRATION OF CERTAIN ELEMENTS (European Standard EN 71 Part 3: 2019+A2:2024)**

**Test Method** : European Standard EN 71 Part 3: 2019+A2:2024, Section 9.

Sample Identity	Color / Component	Location	Style
1	clear coating	wood	A - C
2	red coating	wood	A - C
3	white coating	wood	A - C

<b>Class</b>	<b>Category III - Scraped off toy material</b>
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Parameter	Unit	Result			Limit:
		1	2	3	
Aluminium (Al)	mg/kg	12.0	49.7	248	28130
Arsenic (As)	mg/kg	LT 2	LT 2	LT 2	47
Boron (B)	mg/kg	9.49	LT 2	LT 2	15000
Barium (Ba)	mg/kg	2.66	10.1	LT 2	18750
Cadmium (Cd)	mg/kg	LT 2	LT 2	LT 2	17
Cobalt (Co)	mg/kg	LT 2	LT 2	LT 2	130
Chromium III (Cr III)	mg/kg	0.0765	0.0560	0.107	460
Chromium VI (Cr VI)	mg/kg	#LT 0.025	#LT 0.025	#LT 0.025	0.053
Copper (Cu)	mg/kg	LT 2	LT 2	LT 2	7700
Mercury (Hg)	mg/kg	LT 2	LT 2	LT 2	94
Manganese (Mn)	mg/kg	4.32	10.9	2.34	15000
Nickel (Ni)	mg/kg	LT 2	LT 2	LT 2	930
Lead (Pb)	mg/kg	LT 2	LT 2	LT 2	23
Antimony (Sb)	mg/kg	LT 2	LT 2	LT 2	560
Selenium (Se)	mg/kg	LT 2	LT 2	LT 2	460
Tin (Sn)	mg/kg	LT 2	LT 2	LT 2	180000
Organic Tin	mg/kg	LT 2	LT 2	LT 2	12
Strontium (Sr)	mg/kg	5.87	2.57	LT 2	56000
Zinc (Zn)	mg/kg	3.06	2.79	LT 2	46000
<b>Mass of trace amount (g)</b>		0.0330	0.0588	0.0624	-
<b>Conclusion</b>		PASS	PASS	PASS	-

mg/kg = milligrams per kilogram (ppm=parts per million) LT = Less Than

\* = Average of duplicate analysis

FR = Failed Result

Organic tin = migration of total organic tin is expressed as tributyl tin cation content in mg/kg

# = Verified results (see note)

Remark:

- Results of Cr III and Cr VI were reported as sum of soluble Chromium content unless specified.
- Result(s) of organic tin was (were) calculated while assuming the tin content wholly contributed from tributyltin cation unless specified.



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Note:

If soluble chromium content or soluble tin content exceeded the screening limits of soluble chromium (VI) or organic tin content, the results were verified by below method

- Chromium VI: EN71 part 3:2019+A2:2024, Annex F
- Organic tin: EN71 part 3:2019+A2:2024, Annex G by Gas Chromatography – Mass Spectroscopy analysis.



**RESULTS:**

**DBT, DOT AND TRI-SUBSTITUTED ORGANOSTANNIC COMPOUND (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 20 (4, 5 & 6))**

**Test Method** : In house test method (ICP screening / GC-MS analysis)

Sample Identity	Color / Component	Location	Style
1	clear coating	wood	A - C
2	red coating	wood	A - C
3	white coating	wood	A - C
4	off-white soft plastic	elastic band	A - C
5	clear plastic	mirror	A - C
6	translucent plastic	zipper tooth	A - C
7	flat translucent plastic	whistle body	A - C
8	black soft plastic	elastic band	A - C
9	translucent white plastic	whistle mouth	A - C

Parameter	Unit	Result			Limit
		1 + 2 + 3	4 + 5 + 6	7 + 8 + 9	
<b>Type</b>	-	I,II&III	I,II&III	I,II&III	-
Tri-substituted Organotin compound	%	ND	ND	ND	0.1
DBT	%	ND	ND	ND	0.1
DOT	%	ND	ND	ND	0.1
<b>Conclusion</b>	-	PASS	PASS	PASS	-

Detection Limit :

DBT = Dibutyltin (0.01% by weight of tin)

DOT = Dioctyltin (0.01% by weight of tin)

# = Verified results (GC-MS analysis)

Results reported in percentage

LT = Less than

ND = None detected

Remark: This list of Organotin compound is summarized in table of appendix

**Appendix**

List of Organotin compound			
Type	Name of Analyte	Type	Name of Analyte
I	Tri-substituted Organotin compound - Tripropyltin(TPT) - Tributyltin (TBT) - Trioctyl tin(TOT) - Triphenyltin (TPhT) - Tricyclohexyltin(TcyT)	III	Dioctyltin
II	Dibutyltin (DBT)	-	-

List of sample type	
Type	Description
I	Articles, or part thereof, placed on the market after 1 July 2010



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II	<p>Mixtures of articles, or part thereof, placed on the market after 1 January 2012, except materials and articles regulated under Regulation (EC) No 1935/2004; and</p> <p>For the following mixtures or articles, or part thereof, placed on the market after 1 January 2015,</p> <ul style="list-style-type: none"><li>- one-component and two-component room temperature vulcanization sealants (RTV-1 and RTV-2 sealants) and adhesives</li><li>- paints and coatings containing DBT compounds as catalysts when applied on articles,</li><li>- soft polyvinyl chloride (PVC) profiles whether by themselves or coextruded with hard PVC,</li><li>- fabrics coated with PVC containing DBT compounds as stabilisers when intended for outdoor application,</li><li>- outdoor rainwater pipes, gutters and fittings, as well as covering material for roofing and facades.</li></ul>
III	<p>Articles, or part thereof, placed on the market after 1 January 2012,</p> <ul style="list-style-type: none"><li>- textile articles intended to come into contact with the skin,</li><li>- gloves,</li><li>- footwear or part of footwear intended to come into contact with the skin,</li><li>- wall and floor coverings,</li><li>- childcare articles,</li><li>- female hygiene products,</li><li>- nappies,</li><li>- two-component room temperature vulcanization moulding kits (RTV-2 moulding kits)</li></ul>



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**SAMPLE PHOTO:**



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