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TESTING
CNAS L1744

TUMAMA KIDS CARE (SHENZHEN) COMPANY LIMITED

Technical Report: (8820)118-0076(R3)
Date Received: Apr 27, 2020

Jul 5, 2021
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TUMAMA KIDS CARE (SHENZHEN) COMPANY LIMITED
ROOM 203,SUM MATE BUILDING,JUNCTION OF QINGHU ROAD AND HEPING ROAD, LONGHUA STREET, LONGHUA DISTRICT, SHENZHEN, GUANGDONG, CHINA

Sample Description:	BABY TOYS	Sample Size:	14
Vendor:	N/A	Style No(s):	SEE ATTACHMENT
Manufacturer:	N/A	SKN/SKU No.:	NOT PROVIDE
Labeled Age Grade:	SEE ATTACHMENT	PO No.:	NOT PROVIDE
Appropriate Age Grade:	NOT REQUESTED	Ref #:	NOT PROVIDE
Client Specified Age Grade:	0M+	Country of Origin:	NOT PROVIDE
Tested Age Grade:	ALL AGES	Assortment No.:	NOT PROVIDE
UPC Code:	N/A	2 ND Resubmitted	DEC 25, 2020
Resubmitted Sample Date:	MAY 11, 2020	Sample Date:	
3 RD Resubmitted	JAN 12, 2021	Further Information	JAN 25, 2021
Sample Date:		Date:	
4 TH Resubmitted	MAR 8, 2021	2 ND Further Information	MAR 11, 2021
Sample Date:		Date:	
5 TH Resubmitted	JUN 30, 2021		
Sample Date:			
Test Starting Date:	APR 27, 2020	Test Finished Date:	JUL 5, 2021

BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Harvey Xue
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BUREAU VERITAS SHENZHEN CO.,LTD
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RT/Joe Ye

REMARK

If there are questions or concerns on this report, please contact the following persons:

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EXECUTIVE SUMMARY:

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

- 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 (before and after washing).
- Labeling requirements of "CE marking, manufacturer/ Importer name and address, and product identification" under "Directive 2009/48/EC Safety of Toy".
- The flammability requirements of the European Standard "Safety of Toys", EN 71: Part 2: 2011+A1: 2014 (before and after washing).

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

- Migration of Certain Elements - European Parliament and Council Directive 2009/48/EC, Annex II, Part III, Point 13 with its Latest Amendment (EU) 2019/1922.
- 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.
- 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.

Note: At the request of the client, the sample(s) was evaluated for use by children 0M+.

Note: Certain of toys are fixed by glue.

Note: The manufacturer / importer information was present on the packaging only. It has to be noted that, or according to TSD 2009/48/EC, the manufacturers/ importer shall indicate their name, registered trade name registered trade mark and the address at which they can be contacted on the toy, or, where that is not possible, on its packaging or in a document accompanying the toy."

Note: The product identification is present on the packaging only. It has to be noted that, According to TSD 2009/48/EC, manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or, where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

To be continued



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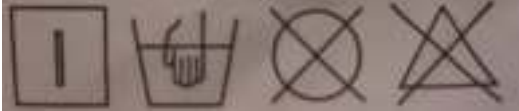
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EXECUTIVE SUMMARY:

Note: According to the Toy Safety Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned. The sample was labeled with



Note: At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) / submitted component(s).

Note: The composite test sample(s) of the submitted samples was prepared in the manner requested by the client, when subject to the test performed.



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ATTACHMENT:

Style No(s):

11012-TM189、

11014-TM191、

11015-TM195、

11016-TM196、

10939-TM177、

10772-TM175、

11008-TM184、

11288-TM195+TM196、

TM201、 TM202、 TM203、 TM252、

TM199、 TM209、 TM256、 TM257、

TM176、 TM267、 TM230、 TM231、

TM102、 TM107-A、 TM107-B、

TM100-A、 TM100-B、 TM156、

TM157、 TM160

TM146、 TM147、 TM174、 TM240、 TM241、 TM242、 TM265、 TM262、 TM117、 TM185、 TM220、 TM122

Labeled Age Grade:

ITEM:NO.TM175/TM176/TM177;

NO.TM184:0M+;OTHERS:3M+

0 MONTHS AND ABOVE(TM209,

TM256, TM199, TM257, TM252)

6 MONTHS AND ABOVE

(TM203, TM202, TM201)

0M+/0 MONTHS ABOVE(TM177, TM176, TM231, TM230)

0-3Y/0-3YEARS OLD (TM157, TM156)

3M+/3MONTHS AND ABOVE

(TM102、 TM107-B、 TM107-A、 TM122)

3MONTHS AND ABOVE (TM100-B, TM100-A)

Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Orange plastic	Ring	-
I002	White fabric	Fabric	-
I003	Pink PVC	Ball	-
I004	Black coating	Eye	-
I005	Yellow plastic	Giraffe	-
I006	Pink soft plastic	Ring	-



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RESULTS:

APPROPRIATE AGE GRADE DETERMINATION

<p>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).</p>	
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.

EXPLANATION OF THE ABBREVIATIONS FOR PART 1, 2 & 6

Symbol	Explanation				
NM	The sample(s) DOES NOT MEET the requirement of this Subclause				
M	The sample(s) MEET the requirement of this Subclause				
N/A	Not Applicable				
NR	Not Requested				
NE	Not Evaluated				
NP	None Present				
NT	Not Tested				
P	Present				
R	Refer to Comment Section of this report				
Symbol	Language Present	Symbol	Language Present	Symbol	Language Present
B	Belgian language	G	German language	PR	Portuguese language
D	Danish language	GR	Greek language	S	Spanish language
E	English language	H	Dutch language	SD	Swedish language
F	Finnish language	I	Italian language	SZ	Swiss language
FR	French language	N	Norwegian language		



RESULTS:

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

Subclause	Requirement	Result
4.1	Material cleanliness	M
4.2	Assembly	M
4.3	Flexible plastic sheeting	NA
4.4	Toy Bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7 & 7.6	Edges	M
4.8 & 7.6	Points and metallic wires	M
4.8e	Splinters	M
4.9	Protruding parts	M
4.10.1	Folding and sliding mechanisms	NA
4.10.2	Driving mechanisms	NA
4.10.3	Hinges	NA
4.10.4	Springs	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	M
4.12 & 7.3	Balloons	NA
4.13 & 7.9	Cord of toy kites and other flying toys	NA
4.14.1	Toys which a child can enter	NA
4.14.2 & 7.8	Masks and helmets	NA
4.15.1	Toys propelled by child	
4.15.1.2 & 7.10.1 & 7.10.2 & 7.10.3 & 7.10.4 & 7.16	Toys propelled by child – Instructions for use	NA
4.15.1.3	Toys propelled by child – Strength	NA
4.15.1.4	Toys propelled by child – Stability	NA
4.15.1.5	Toys propelled by child – Braking	NA
4.15.1.6	Toys propelled by child - Transmission	NA
4.15.1.7	Toys propelled by child – insertion mark	NA
4.15.1.8	Electrically-driven ride-on toys	NA
4.15.2	Toy bicycles	
4.15.2.2 & 7.15	Toy bicycles – Warnings and instructions for use	NA
4.15.2.3	Toy bicycles – Braking	NA
4.15.3 & 7.16 & 7.19	Rocking horses and similar toys	NA
4.15.4 & 7.16	Toys not propelled by child	NA
4.15.5 & 7.18	Toy scooters	NA



RESULTS:

Subclause	Requirement	Result
4.16	Heavy immobile toys	NA
4.17.2	All projectiles	NA
4.17.3 & 7.7	Projectile toys with stored energy	NA
4.17.4 & 7.26	Certain projectile toys without stored energy	NA
4.18 & 7.4	Aquatic toys and inflatable toys	NA
4.19 & 7.13 & 7.14	Percussion caps	NA
4.20.2.1- 4.20.2.4, 4.20.2.6-4.20.2.12 & 7.14	Acoustics	M
*4.20.2.5	Acoustics– Toys using headphones or earphones	NA
4.21	Toys containing a non-electrical heat source	NA
4.22 & 7.2	Small balls	M
4.23	Magnet	
4.23.2 a, b & c	Toy other than magnetic / electrical experimental sets intended for children over 8 years	NA
4.23.3 & 7.20	Magnetic / electrical experimental sets intended for children over 8 years	NA
4.24	Yo-yo ball	NA
4.25	Toys attached to food	NA
4.26	Toy Disguise Costumes	NA
4.27.1	Flying toys – General	NA
4.27.2 & 7.25.1	Rotors and propellers on flying toys	NA
4.27.3 & 7.25.2	Rotors and propellers on remote controlled flying toys	NA
FOR TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS		
5.1	General	M
5.1a	Small parts – as received	M
5.1b	Small parts, sharp points, sharp edges – after tests	M
5.1c	Cross section <2mm metal points & wires	NA
5.1e	Toys contain glue	NA
5.1f	Casing of toys	M
5.2	Fillings, coverings and seams	M
5.3	Adhesion of plastic sheeting	NA
5.4.2	Cords and chains in toys intended for children under 18 months	M



RESULTS:

Subclause	Requirement	Result
5.4.3 & 7.22	Cords and chains in toys intended for children of 18 months or over but under 36 months	M
5.4.4	Fixed loops, tangled loops and nooses	M
5.4.5	Cords and chains on pull along toys	NA
5.4.6 & 7.21	Electrical cables	NA
5.4.7	Cross-sectional dimension of certain cords	NA
5.4.8	Self-retracting cords	NA
5.4.9 & 7.11 & 7.23	Toys attached to or intended to be strung across a cradle, cot or perambulator	M
5.5 & 7.12	Liquid filled toys	NA
5.6	Electrically driven toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size	M
5.9 & 7.17	Monofilament fibres	NA
5.10	Small balls	M
5.11	Play figures	NA
5.12	Hemispheric shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15 & 7.24	Sledges with cords for pulling	NA
6	Packaging	M
WARNINGS, INSTRUCTIONS FOR USE		
7.1	General	NA
7.2	Toys not intended for children under 36 months	NA
7.5	Functional toys	NA

2009/48/EC General Labeling Requirement

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

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section NT=Not Test



RESULTS:

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 1

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.3	8.25.1	4.15.1.5	8.26.1	4.22	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.32	5.4.5	8.40
4.5	8.5, 8.7, 8.11, 8.12	4.15.1.8	8.29	4.23	8.2, 8.3, 8.4.2.1, 8.4.2.2, 8.5, 8.6, 8.7, 8.8, 8.34, 8.35	5.4.6	8.40
4.6	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.14	4.15.2.4	8.26.2	4.24	8.37	5.4.7	8.20
4.7	8.11	4.15.3	8.21, 8.23.1	4.25	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32.1	5.7.8	8.39
4.8	8.12, 8.13	4.15.4	8.21, 8.23.1	4.26	8.38	5.5	8.15
4.9	8.4.2.3, 8.11, 8.12	4.15.5	8.11, 8.12, 8.21, 8.22, 8.26.3, 8.27	4.27.1	8.43	5.6	8.29
4.10.1	8.18.2, 8.18.3	4.16	8.23.2	4.27.2	8.4.2.6	5.8	8.16
4.10.2	8.5, 8.6, 8.7, 8.11, 8.12	4.17.1	8.3, 8.4.2.1, 8.7, 8.8, 8.42	4.27.3	8.4.2.6	5.10	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9, 8.32
4.11	8.2, 8.3, 8.4.2.1, 8.9, 8.17	4.17.2	8.3, 8.4.2.4, 8.7, 8.8, 8.32.1, 8.43, 8.44	5.1	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.9, 8.11, 8.12	5.11	8.33
4.13	8.19	4.17.3	8.3, 8.4.2.3, 8.4.2.5, 8.11, 8.12, 8.24, 8.42	5.3	8.4.2.1, 8.25	5.12	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9,
4.14.1	8.31.1, 8.31.2	4.17.4	8.3, 8.4.2.3, 8.4.2.5, 8.11, 8.12, 8.24, 8.42	5.4.1	8.40	5.13	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32
4.14.2	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.11, 8.12	4.18	8.2, 8.3, 8.4.2.1	5.4.2	8.38, 8.40, 8.41	5.14	8.38
4.15.1.3	8.11, 8.12, 8.21, 8.22	4.20	8.28	5.4.3	8.38, 8.40, 8.41	6	8.3, 8.4.2.1, 8.25.1, 8.32.1
4.15.1.4	8.23.1	4.21	8.30	5.4.4	8.36, 8.38		



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RESULTS:

FLAMMABILITY (EN 71 PART 2: 2011+A1: 2014)

Subclause	Requirement	Result
4.1	Cellulose nitrate	NP
4.1	Surface flash on a piled surface	M
*4.1	Flammable gases	NA
*4.1	Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels	NA
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by child in play	NA
4.3	warning on product and packaging (10 - 30 mm/s)	NA
4.4	Toys intended to be entered by a child	NA
4.4	warning on product and packaging (10 – 30 mm/s)	NA
4.5	Soft-filled toys	M

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 2

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.2.2	5.2	4.2.4	5.3	4.3	5.4	4.5	5.5
4.2.3	5.3	4.2.5	5.4	4.4	5.4	-	-

* Note: Subclause indicated with * are not accredited.



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RESULTS:

Migration of Certain Elements - European Parliament and Council Directive 2009/48/EC, Annex II, Part III, Point 13 with its Latest Amendment (EU) 2019/1922

Test Method: European Standard EN 71 Part 3: 2019, Section 9.

Class: Category III - Scraped off toy material

Analyte	Requirement (mg/kg)	Result (mg/kg)				
		Test Item(s)				
	Category III	I001	I002	I003	I004	-
Aluminium (Al)	28130	LT 2	8	LT 2	4	-
Arsenic (As)	47	LT 2	LT 2	LT 2	LT 2	-
Boron (B)	15000	LT 2	LT 2	LT 2	LT 2	-
Barium (Ba)	18750	LT 2	3	LT 2	LT 2	-
Cadmium (Cd)	17	LT 2	LT 2	LT 2	LT 2	-
Cobalt (Co)	130	LT 2	LT 2	LT 2	LT 2	-
Chromium III (Cr III)	460	LT 0.053	LT 0.053	LT 0.053	LT 0.053	-
Chromium VI (Cr VI)	0.053					
Copper (Cu)	7700	LT 2	3	LT 2	LT 2	-
Mercury (Hg)	94	LT 2	LT 2	LT 2	LT 2	-
Manganese (Mn)	15000	LT 2	3	LT 2	LT 2	-
Nickel (Ni)	930	LT 2	LT 2	LT 2	LT 2	-
Lead (Pb)	23	LT 2	LT 2	LT 2	LT 2	-
Antimony (Sb)	560	LT 2	LT 2	LT 2	LT 2	-
Selenium (Se)	460	LT 2	LT 2	LT 2	LT 2	-
Tin (Sn)	180000	LT 2	LT 2	LT 2	LT 2	-
Organic tin	12	LT 2	LT 2	LT 2	LT 2	-
Strontium (Sr)	56000	LT 2	3	LT 2	LT 2	-
Zinc (Zn)	46000	LT 2	51	3	3	-
Mass of trace amount (gram)		-	-	-	0.0190	-
Conclusion		PASS	PASS	PASS	PASS	-



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RESULTS:

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

LT = Less Than

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.

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, Annex F by Ion-chromatography with UV/VIS detector analysis.
- Organic tin: EN71 part 3:2019, Annex G by Gas Chromatography – Mass Spectroscopy analysis.



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RESULTS:

BBP/DBP/DEHP/DIBP Contents in Toys and Childcare Articles – European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 51

Test Method : With referenced to EN 14372:2004 Section 6.3.2, sample was extracted with organic solvent and then analyzed by Gas Chromatograph Mass Spectrometer

Test Parameter:	BBP	DBP	DEHP	DIBP	SUM	-
Limit (%):	0.1 (Sum of Four phthalates)					-
Test Item(s)	Result (%)					Conclusion
I001+I005+I006	ND	ND	ND	ND	ND	PASS

Note / key:

BBP = Butyl benzyl phthalate

DEHP = Di(2-ethylhexyl) phthalate

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (%) : Each 0.005

DBP = Dibutyl phthalate

DIBP = Diisobutyl phthalate

% = percent

10000 mg/kg = 1 %

DNOP/DINP/DIDP Contents in Toys and Childcare Articles which can be placed in the Mouth by the Children – European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 52

Test Method : With referenced to EN 14372:2004 Section 6.3.2, sample was extracted with organic solvent and then analyzed by Gas Chromatograph Mass Spectrometer

Test Parameter:	DIDP	DINP	DNOP	SUM	-
Limit (%):	0.1 (Sum of three phthalates)				-
Test Item(s)	Result (%)				Conclusion
I001+I005+I006	ND	ND	ND	ND	PASS

Note / key:

DNOP = Di-n-octyl phthalate

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (%) : Each 0.005

DINP = Di-iso-nonyl phthalate

% = percent

DIDP = Di-iso-decyl phthalate

10000 mg/kg = 1 %

Remark:

This report is to Supersede BV(Dong guan) report No. (8820)118-0076(R2) dated on Mar 12, 2021.

RESULTS:



RESULTS:



RESULTS:



RESULTS:



END OF REPORT

APPENDIX:



APPENDIX:



APPENDIX:



APPENDIX:

附录11-益智玩具类



APPENDIX:



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APPENDIX:



APPENDIX:



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APPENDIX:



Remark: The photo was submitted by the client. The test results only related to the tested model and the conclusion was given based on the result tested model.