

HAPE INTERNATIONAL (NINGBO) LTD
 HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD
 9-27NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN, NINGBO, CHINA

Sample Description : DINOSAUR TRAIN BUCKET SET
 Sample Quantity : 5 PCS
 Style / Item No. : E3828
 Country of Origin : CHINA
 Country of Destination : GLOBAL
 Labeled Age Grading : 18M+
 Requested Age Grading : 18M+
 Client Reference Information : E3828A

 Source of Sample : SENT BY CLIENT.
 Age Group Assessed as Per Age Guideline : 18 MONTHS +
 Age Group Applied in Testing : 18 MONTHS +
 Sample Receiving Date : MAR. 28, 2023
 Further Information Date : APR. 20, 2023
 Testing Period : MAR. 28, 2023 TO APR. 23, 2023

Test Requested	Result
AS/NZS ISO 8124.1: 2019+A1: 2020+A2: 2020 – Safety of toys – Part 1: Safety aspects related to mechanical and physical properties	Pass
AS/NZS 8124.2: 2016 – Safety of toys – Part 2: Flammability	Pass
AS/NZS ISO 8124.3:2021-Migration of Certain Elements	Pass
COMMONWEALTH OF AUSTRALIA Trade Practices Act 1974, Consumer Protection Notice No. 1 of 2009-CONSUMER PRODUCT SAFETY STANDARD FOR LEAD AND CERTAIN ELEMENTS IN CHILDREN'S TOYS	Pass
For compliance with the Australian Trade Practices Act 1974 - Consumer Protection Notice No. 14 of 2003 - Consumer Product Safety Standard: Toys for children up to and including 36 months of age	Pass
Consumer Goods (Toys Containing Magnets) Safety Standards 2020	Pass
Consumer Goods (Products Containing Button/Coin Batteries) Information Standard 2020	Pass
Consumer Goods (Products Containing Button/Coin Batteries) Safety Standard 2020	Pass

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

Signed for and on behalf of
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Jessie Zhou



Jessie Zhou
 Authorized Signatory



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Results:

AS/NZS ISO 8124.1: 2019+A1: 2020+A2: 2020 – SAFETY OF TOYS – PART 1: SAFETY ASPECTS RELATED TO MECHANICAL AND PHYSICAL PROPERTIES

As specified in AS/NZS ISO 8124.1: 2019+A1: 2020+A2: 2020 – Safety of toys – Part 1: Safety aspects related to mechanical and physical properties

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Requirements	
4.1	Normal use	<u>Pass</u>
4.2	Reasonably foreseeable abuse	<u>Pass</u>
4.3	Material	
	4.3.1 Material quality (Visual Examination)	<u>Pass</u>
4.4	Small Parts	
	4.4.1 For children under 36 months	<u>Pass</u>
4.6	Edges	<u>Pass</u>
4.7	Points	<u>Pass</u>
4.8	Projections	<u>Pass</u>
4.10	Plastic film or plastic bags in packaging and in toys	<u>Pass</u>
4.12	Folding mechanism	
	4.12.3 Hinge-line clearance	<u>N/A</u>
	(Not applicable to products with a hinged part that has a mass less than 250g.)	
4.29	Acoustic requirements	<u>Pass</u>
4.31	Magnets and magnetic components	<u>Pass</u>

Annex B Safety-labeling guidelines and manufacturer’s markings

B.2	Safety-labeling guidelines	
B.2.1	Good practice for visibility and legibility	<u>See Remark</u>
	Remark: The standard has introduced good practice by addressing the following aspects:	
	a) Emphasising the warning	
	b) Contrast, background and colours	
	c) Reflecting surfaces and obscuring material	
	d) Font type	
	e) Font and symbol size	
	f) Logical direction of text	
B.2.2	Age grading	<u>Pass</u>
B.3	Instructional literature	
B.3.1	Information and Instructions	<u>Pass</u>



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B.4 Manufacturer's Markings

Pass

N/A = Not Applicable

AS/NZS 8124.2:2016 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN AS/NZS 8124.2:2016 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General Requirements	<u>Pass</u>

N.B. : - Only applicable clauses were shown.

Test Part Description:

<u>SN ID</u>	<u>Sample No.</u>	<u>SGS Sample ID</u>	<u>Description</u>
SN1	A1	SHA23-0038742-0001.C001	Aqua coating
SN2	A2	SHA23-0038742-0001.C002	Orange coating
SN3	A3	SHA23-0038742-0001.C003	Yellow coating
SN4	A4	SHA23-0038742-0001.C004	Grass green coating
SN5	A5	SHA23-0038742-0001.C005	Dark red coating
SN6	A6	SHA23-0038742-0001.C006	Purple coating
SN7	A7	SHA23-0038742-0001.C007	Orange-yellow coating
SN8	A8	SHA23-0038742-0001.C008	Blue coating
SN9	A9	SHA23-0038742-0001.C009	Green coating
SN10	A11	SHA23-0038742-0001.C011	Transparent coating
SN11	A12	SHA23-0038742-0001.C012	Colorful coating
SN12	A13	SHA23-0038742-0001.C013	Yellow PP lid
SN13	A14	SHA23-0038742-0001.C014	Red PP wheel
SN14	A15	SHA23-0038742-0001.C015	Blue PP
SN15	A16	SHA23-0038742-0001.C016	Dark green PP
SN16	A17	SHA23-0038742-0001.C017	Green pp
SN17	A18	SHA23-0038742-0001.C018	Black plastic
SN18	A19	SHA23-0038742-0001.C019	Green felt with colorful printing
SN19	A20	SHA23-0038742-0001.C020	Natural colored plywood
SN20	A21	SHA23-0038742-0001.C021	Natural colored solid wood
SN21	A22	SHA23-0038742-0001.C022	Dark green plastic nail

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-“ = Not Regulated



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AS/NZS ISO 8124.3:2021-Migration of Certain Elements

Test Method: With reference to AS/NZS ISO 8124.3:2021, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A4	A5*	A6
Soluble Lead(Pb)	90	mg/kg	5	ND	-	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	-	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	-	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	-	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	-	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	-	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	-	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	-	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A7	A8	A9*
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	-
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	-
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	-
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	-
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	-
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	-
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	-
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	-
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A11	A12	A13
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND



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Test Item(s) Conclusion	Limit	Unit(s)	MDL	A11 Pass	A12 Pass	A13 Pass
Test Item(s)	Limit	Unit(s)	MDL	A14	A15	A16
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A17	A18	A19
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	7
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A20	A21	A22
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Notes:

- (1) Results shown are of the adjusted analytical results.
- (2) *As received, the test portion is less than 10 mg, therefore such components were not tested for migration of certain elements, as specified in the AS/NZS ISO 8124.3:2021 Clause 8 - Selection of test portions.
- (3) Mass of trace amount of sample A1 is 22.9mg, sample A2 is 20.6mg, sample A3 is 26.6mg, sample A4 is 22.5mg, sample A6 is 26.1mg, sample A7 is 23.2mg, sample A8 is 20.7mg, sample A11 is 30.1mg, sample A12 is 38.8mg.



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**COMMONWEALTH OF AUSTRALIA Trade Practices Act 1974, Consumer Protection Notice No. 1 of 2009-
CONSUMER PRODUCT SAFETY STANDARD FOR LEAD AND CERTAIN ELEMENTS IN CHILDREN'S TOYS**

Test Method: With reference to AS/NZS ISO 8124.3:2003, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1	A2	A3
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A4	A5*	A6
Soluble Lead(Pb)	90	mg/kg	5	ND	-	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	-	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	-	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	-	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	-	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	-	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	-	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	-	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A7	A8	A9*
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	-
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	-
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	-
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	-
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	-
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	-
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	-
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	-
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A11	A12	A13
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND



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Test Item(s)	Limit	Unit(s)	MDL	A11	A12	A13
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A14	A15	A16
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A17	A18	A19
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	7
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A20	A21	A22
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10.0	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Notes:

- (1) Results of soluble elements shown are of the adjusted analytical results.
- (2) Mass of trace amount of sample A1 is 22.9mg, sample A2 is 20.6mg, sample A3 is 26.6mg, sample A4 is 22.5mg, sample A6 is 26.1mg, sample A7 is 23.2mg, sample A8 is 20.7mg, sample A11 is 30.1mg, sample A12 is 38.8mg.
- (3) *As received, the test portion are less than 10mg, therefore such components were not tested for migration of certain elements, as specified in the AS/NZS ISO 8124.3:2003 Clause 7-selection of test portions.



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Remark:

The test results A5 are taken from report SHA23-0011779-0001.C016(A16)
 The test results A8 are taken from report SHA22-0049008-0001.C004(A4)
 The test results A9 are taken from report SHA23-0022963-0001.C002(A2)
 The test results A11 are taken from report SHA23-0011779-0001.C015(A15)
 The test results A21 are taken from report SHA23-0022963-0001.C009(A9)

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

Australian Trade Practices Act 1974, Consumer Protection Notice No. 14 of 2003 – Consumer Product Safety Standard: Toys for children up to and including 36 months of age

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Requirements	
4.1	Normal use.....	<u>Pass</u>
4.2	Reasonably foreseeable abuse.....	<u>Pass</u>
4.4	<u>Small parts</u>	
4.4.1	For children under 36 months.....	<u>Pass</u>
5.24	Reasonably foreseeable abuse tests.....	<u>Pass</u>

Consumer Goods (Toys Containing Magnets) Safety Standards 2020

- TEST REQUESTED : For compliance with the Consumer Goods (Toys Containing Magnets) Safety Standards 2020
- TEST METHOD : With reference to clause 4.1 & 4.31 of AS/NZS ISO 8124.1:2019 with following modification:
 (a) clause 4.1, as modified by omitting the last 2 sentences of the clause;
 (b) clause 4.31, as affected by the modifications of the subclauses referred to in:
 Subclauses 5.24.2, 5.24.5, 5.24.6.1, 5.24.6.2 and 5.24.7 of the International Standard are modified by omitting the last sentence of each subclause; *and* Subclause 5.24.3 of the International Standard is modified by omitting “before continuing to determine whether the toy continues to conform to the relevant requirements of Clause 4 (requirements)”.

TEST RESULT : After performing the test, the sample comply with the requested test requirements



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Section	Description	Result
Section 9	Australian/New Zealand Standard	Pass
4.1	Normal Use	Pass
4.31	Magnets and magnetic components	Pass
4.31.2	All other toys with magnets and magnetic components	Pass

Consumer Goods (Products Containing Button/Coin Batteries) Information Standard 2020

Section	Description	Result
Part 2 - Requirements		
7	Requirements to be complied with on and after application day	Pass
8	Consumer goods with button/coin batteries—general requirement for warning	Pass
10	Warnings must comply with size, legibility and durability standards	Pass

Consumer Goods (Products Containing Button/Coin Batteries) Safety Standard 2020:

Section	Description	Result
Part 2 - Requirements		
Division 1 - Introduction		
7	Requirements to be complied with on and after application day	Pass
Division 2 - Details of requirements		
8	Button/coin batteries must not release during reasonably foreseeable use or misuse conditions	Pass
9	Compartment holding button/coin batteries must be resistant to being opened by young children	Pass
10	Fasteners for doors or covers to compartments holding button/coin batteries must be captive etc.	N/A
11	Secureness of consumer goods with non-replaceable button/coin battery accessible by consumers must be tested	N/A
Division 3 - Product-specific standards		
12	Satisfying section 8 with product-specific standards	Pass
13	Satisfying section 9 with Audio/Video and Electronic Apparatus Standards	N/A
14	Satisfying section 9 with Luminaires Standard	N/A
15	Satisfying section 9 with Safety of Toys Standards	Pass
Division 4—Non-product-specific standards		
16	Satisfying section 8 with non-product-specific standards	N/A



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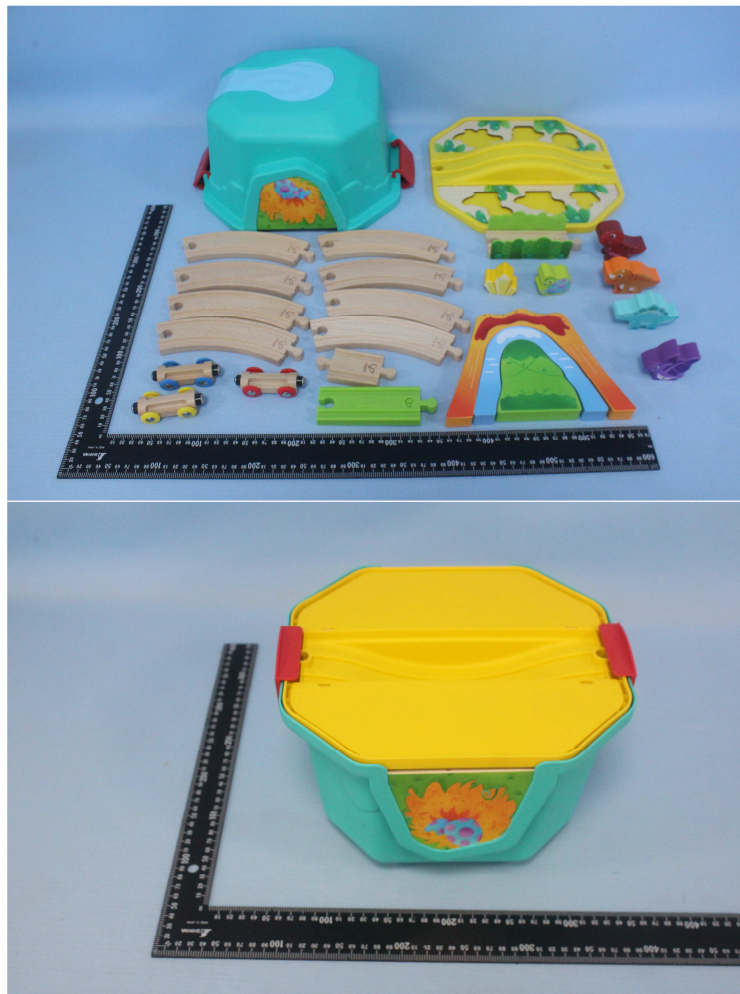
17	Satisfying section 9 with non-product-specific standards	N/A
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N/A = Not Applicable

Remark:

1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
2. The declaration of conformity is based on acceptance limits chosen based on simple acceptance ($w = 0, AL = TL$).
Statements of conformity are reported as:
Passed - The measured values were observed in tolerance at the points tested.
Failed - One or more measured values were observed out of tolerance at the points tested.

Sample Photo:



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*** End of Report ***



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