

Report No.: Q00328388-1

Client: BELEDUC LERNSPIELWAREN GMBH
Heinrich-Heine-Weg 2
09526 Olbernhau / Germany

Test item(s): Toy

Identification/ Refer to detail list

Model No(s):

Sample Receiving date: 2014-07-14

Testing Period: 2014-07-14 - 2014-07-17

Test Specification:

- | | |
|--|---------------------------|
| 1. EN 71-1:2011 + A3:2014 Mechanical and physical properties | PASS |
| 2. 2009/48/EC CE marking | PASS |
| 3. 2009/48/EC Labeling Requirement
(Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning instruction) | Please refer to test page |
| 4. EN 71 - 2 : 2011+A1 :2014 Flammability | PASS |
| 5. EN71-3:2013 Migration of 19 Elements - with reference to 2009/48/EC and its amendment 2012/7/EU | PASS |

Test result:

Other information:

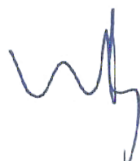
The provided age grade of the item: Over 3 years of age.

The appropriate age grade of the item: Over 3 years of age.

The item was tested over 3 years of age.

Test reports of this testing laboratory are authorized by the ZLS (Central Authority of the Laender (German Federal States) for Safety) for consideration by the Notified Body respectively GS Body (TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg, NB number 0197) for conformity assessment projects within the scope in the current valid attachment No.3 II6/0076.421-1/149 from 11.09.2013 to the administrative decision attachment No.2 II6/0076.421-1/149 from 11.09.2013.

For and on behalf of
TÜV Rheinland (Shanghai) Co.,Ltd.



2014-08-12

Wice Wang / Section Manager

Date

Name/Position

Test result is drawn according to the kind and extent of tests performed.

This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

Test Report No.: Q00328388-1

Page 2 of 13

Item NO	DESCRIPTION	Test Age group
713025,B11002,11002	ROLE PLAY PUZZLE CASTLE	36 M+
713026,B11003,11003	Role Play Puzzle Market	36 M+

Test Report No.: Q00328388-1

Page 3 of 13

Material List:

Item: Refer to detail list

Material No.	Material	Color	Location	Remark
M001	Whole Product	Multi-color	11002	
M002	Whole Product	Multi-color	11003	
M003	Plastic	White	PP card	Refer to Q00324593-1/M005
M004	Wood	Nature	Plywood	Refer to Q00300067-1/M002
M005	Coating	Black	On wood	Refer to Q00310352-1/M006
M006	Coating	Brown	On wood	Refer to Q00310352-1/M005
M007	Coating	Coffee	On wood	Refer to Q00300069-1/M004
M008	Coating	Cream	On wood	Refer to Q00302900-1/M004
M009	Coating	Dk. blue	On wood	Refer to Q00300054-1/M013
M010	Coating	Dk. green	On wood	Refer to Q00300062-1/M004
M011	Coating	Grey	On wood	Refer to Q00300069-1/M003
M012	Coating	Lt. blue	On wood	Refer to Q00300055-1/M003
M013	Coating	Lt. green	On wood	Refer to Q00300062-1/M003
M014	Coating	Lt. grey	On wood	Refer to Q00301177-1/M002
M015	Coating	Red	On wood	Refer to Q00310352-1/M002
M016	Coating	White	On wood	Refer to Q00310352-1/M007
M017	Coating	Yellow	On wood	Refer to Q00310352-1/M003
M018	Coating	Tiffany	On wood	Refer to Q00300459-1/M004
M019	Coating	Transparent	On wood	Refer to Q00310352-1/M008

Test Report No.: Q00328388-1

Page 4 of 13

1. EN 71 - 1: 2011+A3: 2014 Mechanical and physical properties**Test result:**

	Test No:	T001
	Material No:	M001,M002
4. General requirements		
4.1 Material cleanliness		PASS
4.7 Edges		PASS
4.8 Points and metallic wires		PASS

Remark:

N.B.: Only applicable clauses were shown.

Test Report No.: Q00328388-1

Page 5 of 13

2. 2009/48/EC CE Marking
Test result:

	Test No:	T001
	Material No:	M001,M002
CE-marking		PASS

3. 2009/48/EC Labeling Requirement (Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning instruction)
Test result:

	Test No:	T001
	Material No:	M001,M002
Importer/ Manufacturer Mark (European Company name and address)+		Present on package
Product Identification - type, batch, serial or model number+		Present on package

Remark:

+ These labeling shall be indicated on the toy, or where that is not possible, on its packaging or in a documents accompanying the toys.

The correct adherence to all requirements according to directive 2009/48/EC in regards to the marking (name or trademark and contact address of the manufacturer respectively the marking for identification [type, batch, model or serial no.]of the toy can only be confirmed by the manufacturer, his delegate or the person who brings it onto the market. The marked article were assessed, however, they can not be evaluated in the frame of this test.

Test Report No.: Q00328388-1

Page 6 of 13

4. EN 71 - 2: 2011+A1 :2014 Flammability**Test result:**

	Test No:	T001
	Material No:	M001,M002
4.1 General		PASS

Remark:

N.B.: Only applicable clauses were shown.

5. EN71-3:2013 Migration of 19 Elements

Test Method: with reference to EN71-3:2013, for inorganic elements, analyzed by ICP-OES or ICP-MS.

3) For scraped-off toy materials:

				Test No.	T001	T002	T003
				Material No.	M003	M004	M005(*2)
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	
Aluminium (Al)	mg/kg	10	70000	n.d.	n.d.	n.d.	
Antimony (Sb)	mg/kg	1	560	n.d.	n.d.	n.d.	
Arsenic (As)	mg/kg	1	47	n.d.	n.d.	n.d.	
Barium (Ba)	mg/kg	2.5	18750	n.d.	12.1	n.d.	
Boron (B)	mg/kg	10	15000	n.d.	n.d.	n.d.	
Cadmium (Cd)	mg/kg	1	17	n.d.	n.d.	n.d.	
Chromium (Cr)	mg/kg	0.15	-	n.d.	n.d.	n.d.	
Chromium (III) (Cr (III))§	mg/kg	0.15	460	-	-	-	
Chromium (VI) (Cr (VI))§	mg/kg	0.15	0.2	-	-	-	
Cobalt (Co)	mg/kg	2.5	130	n.d.	n.d.	n.d.	
Copper (Cu)	mg/kg	2.5	7700	n.d.	n.d.	n.d.	
Lead (Pb)	mg/kg	2.5	160	n.d.	n.d.	n.d.	
Manganese (Mn)	mg/kg	2.5	15000	n.d.	75.6	9.0	
Mercury (Hg)	mg/kg	1	94	n.d.	n.d.	n.d.	
Nickel (Ni)	mg/kg	2.5	930	n.d.	n.d.	n.d.	
Selenium (Se)	mg/kg	2.5	460	n.d.	n.d.	n.d.	
Strontium (Sr)	mg/kg	2.5	56000	n.d.	n.d.	n.d.	
Tin (Sn)	mg/kg	1.0	180000	n.d.	n.d.	n.d.	
Organic Tin^	mg/kg	1.0	12	-	n.d.	-	
Zinc (Zn)	mg/kg	10	46000	n.d.	33.6	n.d.	

Test Report No.: Q00328388-1

Page 8 of 13

				Test No.	T004	T005	T006
				Material No.	M006(*2)	M007(*2)	M008
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	
Aluminium (Al)	mg/kg	10	70000	n.d.	n.d.	286	
Antimony (Sb)	mg/kg	1	560	n.d.	n.d.	n.d.	
Arsenic (As)	mg/kg	1	47	n.d.	n.d.	n.d.	
Barium (Ba)	mg/kg	2.5	18750	2.9	n.d.	n.d.	
Boron (B)	mg/kg	10	15000	n.d.	n.d.	n.d.	
Cadmium (Cd)	mg/kg	1	17	n.d.	n.d.	n.d.	
Chromium (Cr)	mg/kg	0.15	-	n.d.	n.d.	n.d.	
Chromium (III) (Cr (III))§	mg/kg	0.15	460	-	-	-	
Chromium (VI) (Cr (VI))§	mg/kg	0.15	0.2	-	-	-	
Cobalt (Co)	mg/kg	2.5	130	n.d.	n.d.	n.d.	
Copper (Cu)	mg/kg	2.5	7700	n.d.	n.d.	n.d.	
Lead (Pb)	mg/kg	2.5	160	n.d.	n.d.	n.d.	
Manganese (Mn)	mg/kg	2.5	15000	10.1	n.d.	10.9	
Mercury (Hg)	mg/kg	1	94	n.d.	n.d.	n.d.	
Nickel (Ni)	mg/kg	2.5	930	n.d.	n.d.	n.d.	
Selenium (Se)	mg/kg	2.5	460	n.d.	n.d.	n.d.	
Strontium (Sr)	mg/kg	2.5	56000	n.d.	n.d.	13.3	
Tin (Sn)	mg/kg	1.0	180000	n.d.	n.d.	n.d.	
Organic Tin^	mg/kg	1.0	12	-	n.d.	n.d.	
Zinc (Zn)	mg/kg	10	46000	n.d.	n.d.	161	

Test Report No.: Q00328388-1

Page 9 of 13

				Test No.	T007	T008	T009
				Material No.	M009	M010(*2)	M011(*2)
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	10	70000	n.d.	n.d.	n.d.	n.d.
Antimony (Sb)	mg/kg	1	560	n.d.	n.d.	n.d.	n.d.
Arsenic (As)	mg/kg	1	47	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	mg/kg	2.5	18750	n.d.	n.d.	n.d.	n.d.
Boron (B)	mg/kg	10	15000	n.d.	n.d.	n.d.	n.d.
Cadmium (Cd)	mg/kg	1	17	n.d.	n.d.	n.d.	n.d.
Chromium (Cr)	mg/kg	0.15	-	n.d.	n.d.	n.d.	n.d.
Chromium (III) (Cr (III))§	mg/kg	0.15	460	-	-	-	-
Chromium (VI) (Cr (VI))§	mg/kg	0.15	0.2	-	-	-	-
Cobalt (Co)	mg/kg	2.5	130	n.d.	n.d.	n.d.	n.d.
Copper (Cu)	mg/kg	2.5	7700	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	mg/kg	2.5	160	n.d.	n.d.	n.d.	n.d.
Manganese (Mn)	mg/kg	2.5	15000	n.d.	n.d.	n.d.	n.d.
Mercury (Hg)	mg/kg	1	94	n.d.	n.d.	n.d.	n.d.
Nickel (Ni)	mg/kg	2.5	930	n.d.	n.d.	n.d.	n.d.
Selenium (Se)	mg/kg	2.5	460	n.d.	n.d.	n.d.	n.d.
Strontium (Sr)	mg/kg	2.5	56000	n.d.	n.d.	n.d.	n.d.
Tin (Sn)	mg/kg	1.0	180000	n.d.	n.d.	n.d.	n.d.
Organic Tin^	mg/kg	1.0	12	n.d.	n.d.	n.d.	n.d.
Zinc (Zn)	mg/kg	10	46000	n.d.	n.d.	n.d.	n.d.

Test Report No.: Q00328388-1

Page 10 of 13

				Test No.	T010	T011	T012
				Material No.	M012(*2)	M013	M014
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	10	70000	n.d.	215	105	
Antimony (Sb)	mg/kg	1	560	n.d.	n.d.	n.d.	
Arsenic (As)	mg/kg	1	47	n.d.	n.d.	n.d.	
Barium (Ba)	mg/kg	2.5	18750	n.d.	4.1	4.1	
Boron (B)	mg/kg	10	15000	n.d.	n.d.	n.d.	
Cadmium (Cd)	mg/kg	1	17	n.d.	n.d.	n.d.	
Chromium (Cr)	mg/kg	0.15	-	n.d.	n.d.	n.d.	
Chromium (III) (Cr (III))§	mg/kg	0.15	460	-	-	-	
Chromium (VI) (Cr (VI))§	mg/kg	0.15	0.2	-	-	-	
Cobalt (Co)	mg/kg	2.5	130	n.d.	n.d.	n.d.	
Copper (Cu)	mg/kg	2.5	7700	n.d.	n.d.	n.d.	
Lead (Pb)	mg/kg	2.5	160	n.d.	n.d.	n.d.	
Manganese (Mn)	mg/kg	2.5	15000	n.d.	6.0	22.1	
Mercury (Hg)	mg/kg	1	94	n.d.	n.d.	n.d.	
Nickel (Ni)	mg/kg	2.5	930	n.d.	n.d.	n.d.	
Selenium (Se)	mg/kg	2.5	460	n.d.	n.d.	n.d.	
Strontium (Sr)	mg/kg	2.5	56000	n.d.	2.7	45.9	
Tin (Sn)	mg/kg	1.0	180000	n.d.	n.d.	n.d.	
Organic Tin^	mg/kg	1.0	12	n.d.	n.d.	n.d.	
Zinc (Zn)	mg/kg	10	46000	n.d.	263	106	

Test Report No.: Q00328388-1

Page 11 of 13

				Test No.	T013	T014	T015
				Material No.	M015(*2)	M016(*2)	M017(*2)
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	
Aluminium (Al)	mg/kg	10	70000	48.8	468	18.8	
Antimony (Sb)	mg/kg	1	560	n.d.	n.d.	n.d.	
Arsenic (As)	mg/kg	1	47	n.d.	n.d.	n.d.	
Barium (Ba)	mg/kg	2.5	18750	80.4	n.d.	7.6	
Boron (B)	mg/kg	10	15000	n.d.	10.3	n.d.	
Cadmium (Cd)	mg/kg	1	17	n.d.	n.d.	n.d.	
Chromium (Cr)	mg/kg	0.15	-	n.d.	n.d.	n.d.	
Chromium (III) (Cr (III))§	mg/kg	0.15	460	-	-	-	
Chromium (VI) (Cr (VI))§	mg/kg	0.15	0.2	-	-	-	
Cobalt (Co)	mg/kg	2.5	130	n.d.	n.d.	n.d.	
Copper (Cu)	mg/kg	2.5	7700	n.d.	n.d.	n.d.	
Lead (Pb)	mg/kg	2.5	160	n.d.	n.d.	n.d.	
Manganese (Mn)	mg/kg	2.5	15000	19.4	8.1	12.1	
Mercury (Hg)	mg/kg	1	94	n.d.	n.d.	n.d.	
Nickel (Ni)	mg/kg	2.5	930	3.5	n.d.	n.d.	
Selenium (Se)	mg/kg	2.5	460	n.d.	n.d.	n.d.	
Strontium (Sr)	mg/kg	2.5	56000	3.3	19.0	n.d.	
Tin (Sn)	mg/kg	1.0	180000	n.d.	n.d.	n.d.	
Organic Tin^	mg/kg	1.0	12	-	-	-	
Zinc (Zn)	mg/kg	10	46000	n.d.	13.6	n.d.	

Test Report No.: Q00328388-1

Page 12 of 13

			Test No.	T016	T017
			Material No.	M018	M019(*2)
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result
Aluminium (Al)	mg/kg	10	70000	147	n.d.
Antimony (Sb)	mg/kg	1	560	n.d.	n.d.
Arsenic (As)	mg/kg	1	47	n.d.	n.d.
Barium (Ba)	mg/kg	2.5	18750	3.7	n.d.
Boron (B)	mg/kg	10	15000	12.0	n.d.
Cadmium (Cd)	mg/kg	1	17	n.d.	n.d.
Chromium (Cr)	mg/kg	0.15	-	n.d.	n.d.
Chromium (III) (Cr (III))§	mg/kg	0.15	460	-	-
Chromium (VI) (Cr (VI))§	mg/kg	0.15	0.2	-	-
Cobalt (Co)	mg/kg	2.5	130	n.d.	n.d.
Copper (Cu)	mg/kg	2.5	7700	n.d.	n.d.
Lead (Pb)	mg/kg	2.5	160	n.d.	n.d.
Manganese (Mn)	mg/kg	2.5	15000	3.4	n.d.
Mercury (Hg)	mg/kg	1	94	n.d.	n.d.
Nickel (Ni)	mg/kg	2.5	930	n.d.	n.d.
Selenium (Se)	mg/kg	2.5	460	n.d.	n.d.
Strontium (Sr)	mg/kg	2.5	56000	n.d.	n.d.
Tin (Sn)	mg/kg	1.0	180000	n.d.	n.d.
Organic Tin [^]	mg/kg	1.0	12	n.d.	-
Zinc (Zn)	mg/kg	10	46000	14.3	n.d.

Abbreviation: n.d. = Not Detected (< RL)
 RL = Reporting Limit
 mg/kg denotes milligram per kilogram
 § denotes Cr(III) and Cr(VI) are not necessary to be determined when the Combined Chromium concentration value is less than the requirement
 ^ denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.9 mg/kg) or the components were confirmed to be pure metal

Remark:

- *1 The cadmium requirement is following 2012/7/EU, as of 3 Mar 2012. This restriction will come into effect starting from 20 July 2013 onwards.
- *2 According to EN71-3:2013, the weight of test portion was less than 100mg, but greater than 10mg. The result was calculated as if 100mg of the samples were available.

Sample Photos



- END -