

## Test Report

No.: T51910280601TY

Date: SEP 27, 2019

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BLOOMINGVILLE A/S

LENE HAUS VEJ 3-5 DK-7430 IKAST DENMARK

The following samples were submitted and identified by/on behalf of the client as:

PLAY SET, FOOD, MULTI-COLOR, LOTUS

Item No. : 82046522  
P.O. / Ref. No. : 65010  
Importer : BLOOMINGVILLE A/S  
Buyer : BLOOMINGVILLE A/S  
Supplier : BLOOMINGVILLE A/S  
Manufacturer : BLOOMINGVILLE A/S  
Country of Origin : CHINA  
Country of Destination : DENMARK  
Labeled Age Grading : NOT STATED  
Requested Age Grading : + 24 MONTHS  
Age Group Assessed by SGS As Per Age : OVER 24 MONTHS  
Guideline  
Age Group Applied in Testing : OVER 24 MONTHS  
Sample Receiving Date : SEP 09, 2019  
Last Submission Sample Date : SEP 25, 2019  
Testing Period : SEP 09, 2019 TO SEP 27, 2019



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Test Requested		Conclusion
1.	For compliance with the European standard on Safety of toys:-	--
	EN 71-1:2014+A1:2018 – Safety of toys – Part 1: Mechanical and Physical Properties	PASS
	EN 71-2:2011+A1:2014 – Safety of toys – Part 2: Flammability	PASS
	Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to Informative Annex A.26 and A.33 of the European standard on Safety of toys EN 71-1:2014+A1:2018 and the Directive 2009/48/EC-Safety of toys	SEE RESULT
	Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738 – EN 71-3:2013 + A3:2018 – Migration of certain elements (All conclusive testing)	PASS

Remark: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

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

Signed for and on behalf of  
 SGS-CSTC Standards Technical  
 Services Co., Ltd. Shenzhen Branch Testing Center




Liu Junjie, Tony  
 Section Manager

Qu Ping, Kiky  
 Dept. Manager



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**Results:**

**EUROPEAN STANDARD ON SAFETY OF TOYS**

**EN 71-1:2014 + A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES**

AS SPECIFIED IN EN 71-1:2014 + A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	General requirements	
4.1	Material cleanliness	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
5	Toys intended for children under 36 months	
5.1	General requirements:	
5.1a	Small part requirement on toys & removable Components (Test method 8.2)	<u>Pass</u>
5.1b	Torque test (Test method 8.3)	<u>Pass</u>
	Tension test (Test method 8.4)	<u>Pass</u>
	Drop test (Test method 8.5)	<u>Pass</u>
	Impact test (Test method 8.7)	<u>Pass</u>
	Sharp edge (Test method 8.11)	<u>Pass</u>
	Sharp point (Test method 8.12)	<u>Pass</u>
5.1e	Glued wooden toys and toys with glued on plastic decals	<u>Pass</u>

According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.



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**EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY**

AS SPECIFIED IN EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

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

Type of gas: Butane gas used in the test burner

**LABELING REQUIREMENT (WASHING/CLEANING INSTRUCTION, CE MARK, IMPORTER / MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) ACCORDING TO INFORMATIVE ANNEX A.26 AND A.33 OF THE EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1:2014+A1:2018 AND THE DIRECTIVE 2009/48/EC – SAFETY OF TOYS**

Summary table:

	Observation Result	Location
Washing/Cleaning instruction	Not applicable	--
CE mark	Absent. See note 2	--
Importer's Name & Address	Absent. See note 3	--
Manufacturer's Name & Address	Absent. See note 3	--
Product ID	Absent. See note 4	--

Note:

1. According to 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. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soaked. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned. According to the GUIDANCE DOCUMENT ON THE APPLICATION OF DIRECTIVE 2009/48/EC ON THE SAFETY OF TOYS, manufacturer shall not label "surface washing" on textile toys which, under the TSD, need to be soaked washable."
2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
4. Manufacturers must 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.



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**Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738 – EN 71-3:2013 + A3:2018 – Migration of certain elements**
**Category III: Scraped-off toy material**

Method: With reference to EN 71-3:2013 + A3:2018. Analysis of general elements was performed by ICP-OES. Chromium (III) was obtained by calculation, chromium (VI) was analyzed by IC-UV-Vis and organic tin was analyzed by GC-MS.

Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	1	2	3	--	--
<b>Mass of trace amount</b> (mg)	--	--	--	--	--
Soluble Aluminium (Al) (mg/kg)	54	73	61	50	70000
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium <sup>+</sup> (Cr) (mg/kg)	0.75	0.43	0.96	0.15	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.12	0.2
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	10	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	120	ND	434	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	101	76	174	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	4	5	6	--	--
<b>Mass of trace amount</b> (mg)	--	--	--	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	ND	50	70000
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium <sup>+</sup> (Cr) (mg/kg)	ND	ND	1.14	0.15	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	1.14	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.12	0.2
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	10	23
Soluble Manganese (Mn) (mg/kg)	ND	139	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	ND	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit
Specimen No.	7	8	9	--	--
<b>Mass of trace amount</b> (mg)	--	--	--	--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	97	50	70000
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium <sup>+</sup> (Cr) (mg/kg)	0.35	0.73	0.48	0.15	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.12	0.2
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	10	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	53	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	ND	1340	259	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit
	10	11	12		
<b>Specimen No.</b>				--	--
<b>Mass of trace amount</b> (mg)	--	--	--	--	--
Soluble Aluminium (Al) (mg/kg)	222	106	156	50	70000
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium <sup>+</sup> (Cr) (mg/kg)	0.74	1.70	5.67	0.15	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	1.70	5.67	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.12	0.2
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	10	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	54	ND	83	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	234	234	324	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit
	13	14	15		
<b>Specimen No.</b>				--	--
<b>Mass of trace amount</b> (mg)	--	34.4	55.0	--	--
Soluble Aluminium (Al) (mg/kg)	107	ND	66	50	70000
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	5	17
Soluble Chromium <sup>+</sup> (Cr) (mg/kg)	0.81	0.92	0.97	0.15	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	0.12	0.2
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	10	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	500	80	637	50	46000



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Test Item(s)	Result(s)		MDL	Permissible Limit
	16	17		
<b>Specimen No.</b>			--	--
<b>Mass of trace amount</b> (mg)	--	--	--	--
Soluble Aluminium (Al) (mg/kg)	136	186	50	70000
Soluble Antimony (Sb) (mg/kg)	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	5	17
Soluble Chromium <sup>+</sup> (Cr) (mg/kg)	1.62	1.97	0.15	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	1.62	1.97	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	0.12	0.2
Soluble Cobalt (Co) (mg/kg)	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	10	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	557	506	50	46000



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Test Item(s)	Result(s)		MDL	Permissible Limit
Specimen No.	18	19	--	--
<b>Mass of trace amount</b> (mg)	40.2	--	--	--
Soluble Aluminium (Al) (mg/kg)	57	68	50	70000
Soluble Antimony (Sb) (mg/kg)	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	50	18750
Soluble Boron (B) (mg/kg)	ND	ND	50	15000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	5	17
Soluble Chromium <sup>+</sup> (Cr) (mg/kg)	1.15	3.55	0.15	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	1.15	3.55	1	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	0.12	0.2
Soluble Cobalt (Co) (mg/kg)	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	50	7700
Soluble Lead (Pb) (mg/kg)	ND	ND	10	23
Soluble Manganese (Mn) (mg/kg)	ND	ND	50	15000
Soluble Mercury (Hg) (mg/kg)	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	190	50	56000
Soluble Tin (Sn) (mg/kg)	ND	ND	3.0	180000
Soluble Organic Tin -- (mg/kg)	ND	ND	--	12
Soluble Zinc (Zn) (mg/kg)	129	248	50	46000



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### Specimen Description:

1. Dark brown w/ white coating on wood (Cake)
2. Dark green w/ white coating on wood (Bottle)
3. Red w/ white coating on wood (Bottle)
4. Brown hardboard (Can)
5. Cream wood (Bottle, can, ice cream, cake, milk)
6. White hook and loop fastener (Yoghurt)
7. Translucent white dry glue (Milk, ice cream, yoghurt)
8. Transparent lacquer on wood (Ice cream)
9. Brown w/ white coating on wood (Can)
10. Light green w/ white coating on wood (Milk, ice cream, cake)
11. Dull yellow w/ white coating on wood (Bottle, can, ice cream, cake)
12. Nude pink w/ white coating on wood (Ice cream)
13. Pink w/ white coating on wood (Ice cream)
14. Dull brown coating on wood (Ice cream)
15. Grey coating on wood (Ice cream, bottle)
16. Cyan coating on wood (Ice cream, cake)
17. White coating on wood (Cake, bottle, can, milk)
18. Light brown coating on wood (Cake)
19. Dark red w/ white coating on wood (Can)



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- Note:
- mg/kg = milligram per kilogram
  - mg = milligram
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit
  - 1% = 10000 mg/kg = 10000 ppm
  - + Soluble Chromium is not restricted by EN 71-3:2013 + A3:2018, results shown only for reference
  - As received, test portion of blue (Bottle), black (Lettering) coating on wood is(are) less than 10 mg, therefore such component(s) was(were) not tested for migration of certain elements, as specified in EN 71-3:2013 + A3:2018.

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

### Sample Photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*



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