



ORIGINAL

TEST REPORT

No. :FA220062
 Date :May.17,2022

Applicant : The Bear Factory LLC
 Address : 10609 Hi Tech Drive, Whitmore Lake,MI 48189,USA
 Sample Name : 16" Boon Bear,16"Mystic the Cat,16" Willow the Cardinal,16" Bubba
 (Photo Appendix is Included) the Lab, 16" White Twist Bear , 16"Sammy the Saber tooth, 16"Bandit
 the Raccoon, 16" Brix the Buck.
 Sample Description : 8 Asst.,Skin Plush Animals
 Item No. : 60789, 60819, 60576,61010, 60792, 60900,61020, 60855
 Place of Origin : Yangzhou,China
 Sample Received : Sixteen pieces(Two sets); May.11,2022
 Testing Period : May.12-16,2022
 Labeled Age Grading : Recommended for age 3 and Up
 Requested Age Grading : For Age 3-14 Years
 Test Age Grading : For Age 3-14 Years
 (As'per the applicant's request)

Test Requested	<u>Result</u>
According to the client's application for the Age Grading, with reference to the European Standard on Safety of Toys	
EN71-1: 2014+A1:2018 Mechanical and Physical Properties	<u>Pass</u>
EN71-2: 2020 Flammability	<u>Pass</u>
EN71-3: 2019+A1:2021 Migration of Certain Elements	<u>Pass</u>

*****For Further Details, Please Refer to the following Page(s)*****

Signed for and on behalf of NCL

Li Jing
 Quality Manager

Cheng Yu Long
 Technologist





ORIGINAL

TEST REPORT

No :FA220062
 Date :May.17,2022

Results :

European Standard on Safety of Toys
- Mechanical and Physical Properties
 As Specified in European Standard on Safety of Toys EN71-1: 2014+A1:2018

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	General requirements	
4.1	Material cleanliness*.....	P
4.4	Toy bags.....	P
4.7	Edges	P
4.8	Points and metallic wires	P
5	Toys intended for children under 36 months	P(See Remark)
	(Remark: Selected requirements of clause 5 were applied for the purpose of checking the applicability of age warning in clause 7.2)	
7	Warnings, markings and instructions for use	
7.1	General.....	P(See Remark**)
7.2	Toys not intended for children under 36months.....	NA

Remark:

* Visual Examination

** Additional information is according to the requirements of the Toy Safety Directives 2009/48/EC. The information also appears as a note within the EN71 but is not standard requirement:

Marking & Cleaning Instruction:

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall ensure that their toys bear a type, batch, seria 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. 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.



ORIGINAL

TEST REPORT

No :FA220062
 Date :May.17,2022

	Observation Result	Location
CE mark	Present	on Toy's Label
Manufacturer's/ Importer's Name& Address	Present	on Toy's Label
Product ID	Present	on Toy's Label
Washing/Cleaning instruction	Present	on Toy's Label

-Abbreviation: P = Pass ,NA=Not Applicable.
 Remark: Only applicable clauses were shown.

- Flammability of Toys

As Specified in European Standard on Safety of Toys EN71-2 : 2020

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General requirements.....	P
4.5	Soft filled toys.....	P

-Abbreviation: P = Pass

Remark: Only applicable clauses were shown.



ORIGINAL

TEST REPORT

No :FA220062

Date :May.17,2022

- Migration of Certain Elements

Method: EN71-3: 2019+A1:2021 Migration of certain elements

Analysis was performed by ICP-OES/IC-ICP-MS

Specimen Description:

Category III:Scraped-off toy material

Group 01: Darb color card	Group 31: Transparent plastic eye
Group 02: Multi-color card	Group 32: Dark orange plush
Group 03: White rose plush (60792)	Group 33: Flesh-colored plush
Group 04: Black plastic eye	Group 34: Silvery bright fabric(60819)
Group 05: Cream plush	Group 35: Multi-color plush
Group 06: Coffee plush	Group 36: White soft plush
Group 07: Dark brown thread	**Group 37: Flesh-colored flocking
Group 08: Dark coffee embroidery thread	Group 38: Flesh-colored plastic nose
Group 09: Dark coffee plush	Group 39: Pink embroidery thread
*Group 10: White cloth label printed with black ink(cannot be separated)	Group 40: Bleach plush (belly)
Group 11: Grey embroidery label	Group 41: Pink long plush
Group 12: White velcro	Group 42: Dark flesh plush (60855)
Group 13: White nylon cloth	Group 43: Light brown plush
**Group 14: White coating	Group 44: Black embroidery thread
Group 15: White zipper fabric	Group 45: White embroidery thread
Group 16: White plastic zipper rail	Group 46: Blue embroidery thread
Group 17: Cream yellow long plush(60900)	Group 47: White short plush
Group 18: Dark cream yellow plush	Group 48: Dark brown short plush
Group 19: Coffee long plush	Group 49: Dark brown thread used on mouth
Group 20: White plush	Group 50: Brown embroidery thread
Group 21: Green crystal	Group 51: Grey plush(60789)
Group 22: Black plastic nose	Group 52: Grey short plush
Group 23: White cloth	Group 53: Grey embroidery thread
Group 24: Black thread	Group 54: Brown plush (61010)
Group 25: White long plush	Group 55: Black nylon cloth
Group 26: White thread used on feet	Group 56: Black thread used on mouth
Group 27: Light brown long plush	Group 57: Grey/white mixed-color plush (61020)
Group 28: Cream yellow plush (sole)	Group 58: Black plush
Group 29: Red plush (60576)	*Group 59: Black flocking
Group 30: Black plush	Group 60: Black plastic nose
	Group 61: Light coffee plush



ORIGINAL

TEST REPORT

No :FA220062

Date :May.17,2022

		Result (mg/kg)								
Element		01	02	03	04	05	06	07	08	Limit
Aluminum	(Al)	1390	736	<50	<50	<50	<50	<50	<50	28130
Arsenic	(As)	<5	<5	<5	<5	<5	<5	<5	<5	47
Boron	(B)	<50	<50	<50	<50	<50	<50	<50	<50	15000
Barium	(Ba)	<50	<50	<50	<50	<50	<50	<50	<50	18750
Cadmium	(Cd)	<5	<5	<5	<5	<5	<5	<5	<5	17
Cobalt	(Co)	<10	<10	<10	<10	<10	<10	<10	<10	130
Chromium(III)	(Cr(III))	<10	<10	<10	<10	<10	<10	<10	<10	460
Chromium(VI)	(Cr(VI))	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.053
Copper	(Cu)	<50	<50	<50	<50	<50	<50	<50	<50	7700
Mercury	(Hg)	<5	<5	<5	<5	<5	<5	<5	<5	94
Manganese	(Mn)	<50	<50	<50	<50	<50	<50	<50	<50	15000
Nickel	(Ni)	<50	<50	<50	<50	<50	<50	<50	<50	930
Lead	(Pb)	5	<5	<5	<5	<5	<5	<5	<5	23
Antimony	(Sb)	<50	<50	<50	<50	<50	<50	<50	<50	560
Selenium	(Se)	<10	<10	<10	<10	<10	<10	<10	<10	460
Tin	(Sn)	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	180000
Strontium	(Sr)	<50	<50	<50	<50	<50	<50	<50	<50	56000
Zinc	(Zn)	<50	<50	<50	<50	<50	<50	<50	<50	46000
Organic Tin	--	<6	<6	<6	<6	<6	<6	<6	<6	12
Element		09	10	11	12	13	14	15	16	Limit
Aluminum	(Al)	<50	161	<50	<50	<50	-	<50	<50	28130
Arsenic	(As)	<5	<5	<5	<5	<5	-	<5	<5	47
Boron	(B)	<50	<50	<50	<50	<50	-	<50	<50	15000
Barium	(Ba)	<50	<50	<50	<50	<50	-	<50	<50	18750
Cadmium	(Cd)	<5	<5	<5	<5	<5	-	<5	<5	17
Cobalt	(Co)	<10	<10	<10	<10	<10	-	<10	<10	130
Chromium(III)	(Cr(III))	<10	<10	<10	<10	<10	-	<10	<10	460
Chromium(VI)	(Cr(VI))	<0.025	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	0.053
Copper	(Cu)	<50	<50	<50	<50	<50	-	<50	<50	7700
Mercury	(Hg)	<5	<5	<5	<5	<5	-	<5	<5	94
Manganese	(Mn)	<50	<50	<50	<50	<50	-	<50	<50	15000
Nickel	(Ni)	<50	<50	<50	<50	<50	-	<50	<50	930
Lead	(Pb)	<5	<5	<5	<5	<5	-	<5	<5	23
Antimony	(Sb)	<50	<50	<50	<50	<50	-	<50	<50	560
Selenium	(Se)	<10	<10	<10	<10	<10	-	<10	<10	460
Tin	(Sn)	<2.4	<2.4	<2.4	<2.4	<2.4	-	<2.4	<2.4	180000
Strontium	(Sr)	<50	58	<50	<50	<50	-	<50	<50	56000
Zinc	(Zn)	<50	<50	<50	<50	<50	-	<50	<50	46000
Organic Tin	--	<6	<6	<6	<6	<6	-	<6	<6	12



ORIGINAL

TEST REPORT

No :FA220062

Date :May.17,2022

Element		17	18	19	20	21	22	23	24	Limit
Aluminum	(Al)	<50	<50	<50	<50	<50	<50	<50	<50	28130
Arsenic	(As)	<5	<5	<5	<5	<5	<5	<5	<5	47
Boron	(B)	<50	<50	<50	<50	<50	<50	<50	<50	15000
Barium	(Ba)	<50	<50	<50	<50	<50	<50	<50	<50	18750
Cadmium	(Cd)	<5	<5	<5	<5	<5	<5	<5	<5	17
Cobalt	(Co)	<10	<10	<10	<10	<10	<10	<10	<10	130
Chromium(III)	(Cr(III))	<10	<10	<10	<10	<10	<10	<10	<10	460
Chromium(VI)	(Cr(VI))	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.053
Copper	(Cu)	<50	<50	<50	<50	<50	<50	<50	<50	7700
Mercury	(Hg)	<5	<5	<5	<5	<5	<5	<5	<5	94
Manganese	(Mn)	<50	<50	<50	<50	<50	<50	<50	<50	15000
Nickel	(Ni)	<50	<50	<50	<50	<50	<50	<50	<50	930
Lead	(Pb)	<5	<5	<5	<5	<5	<5	<5	<5	23
Antimony	(Sb)	<50	<50	<50	<50	<50	<50	<50	<50	560
Selenium	(Se)	<10	<10	<10	<10	<10	<10	<10	<10	460
Tin	(Sn)	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	180000
Strontium	(Sr)	<50	<50	<50	<50	<50	<50	<50	<50	56000
Zinc	(Zn)	<50	<50	<50	<50	<50	<50	<50	<50	46000
Organic Tin	--	<6	<6	<6	<6	<6	<6	<6	<6	12

Element		25	26	27	28	29	30	31	32	Limit
Aluminum	(Al)	<50	<50	<50	<50	<50	<50	<50	<50	28130
Arsenic	(As)	<5	<5	<5	<5	<5	<5	<5	<5	47
Boron	(B)	<50	<50	<50	<50	<50	<50	<50	<50	15000
Barium	(Ba)	<50	<50	<50	<50	<50	<50	<50	<50	18750
Cadmium	(Cd)	<5	<5	<5	<5	<5	<5	<5	<5	17
Cobalt	(Co)	<10	<10	<10	<10	<10	<10	<10	<10	130
Chromium(III)	(Cr(III))	<10	<10	<10	<10	<10	<10	<10	<10	460
Chromium(VI)	(Cr(VI))	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.053
Copper	(Cu)	<50	<50	<50	<50	<50	<50	<50	<50	7700
Mercury	(Hg)	<5	<5	<5	<5	<5	<5	<5	<5	94
Manganese	(Mn)	<50	<50	<50	<50	<50	<50	<50	<50	15000
Nickel	(Ni)	<50	<50	<50	<50	<50	<50	<50	<50	930
Lead	(Pb)	<5	<5	<5	<5	<5	<5	<5	<5	23
Antimony	(Sb)	<50	<50	<50	<50	<50	<50	<50	<50	560
Selenium	(Se)	<10	<10	<10	<10	<10	<10	<10	<10	460
Tin	(Sn)	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	180000
Strontium	(Sr)	<50	<50	<50	<50	<50	<50	<50	<50	56000
Zinc	(Zn)	<50	<50	<50	<50	<50	<50	<50	<50	46000
Organic Tin	--	<6	<6	<6	<6	<6	<6	<6	<6	12



ORIGINAL

TEST REPORT

No :FA220062

Date :May.17,2022

Element		33	34	35	36	37	38	39	40	Limit
Aluminum	(Al)	<50	68	<50	<50	-	<50	<50	<50	28130
Arsenic	(As)	<5	<5	<5	<5	-	<5	<5	<5	47
Boron	(B)	<50	<50	<50	<50	-	<50	<50	<50	15000
Barium	(Ba)	<50	<50	<50	<50	-	<50	<50	<50	18750
Cadmium	(Cd)	<5	<5	<5	<5	-	<5	<5	<5	17
Cobalt	(Co)	<10	<10	<10	<10	-	<10	<10	<10	130
Chromium(III)	(Cr(III))	<10	<10	<10	<10	-	<10	<10	<10	460
Chromium(VI)	(Cr(VI))	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	0.053
Copper	(Cu)	<50	<50	<50	<50	-	<50	<50	<50	7700
Mercury	(Hg)	<5	<5	<5	<5	-	<5	<5	<5	94
Manganese	(Mn)	<50	<50	<50	<50	-	<50	<50	<50	15000
Nickel	(Ni)	<50	<50	<50	<50	-	<50	<50	<50	930
Lead	(Pb)	<5	<5	<5	<5	-	<5	<5	<5	23
Antimony	(Sb)	<50	<50	<50	<50	-	<50	<50	<50	560
Selenium	(Se)	<10	<10	<10	<10	-	<10	<10	<10	460
Tin	(Sn)	<2.4	<2.4	<2.4	<2.4	-	<2.4	<2.4	<2.4	180000
Strontium	(Sr)	<50	<50	<50	<50	-	<50	<50	<50	56000
Zinc	(Zn)	<50	<50	<50	<50	-	<50	<50	<50	46000
Organic Tin	--	<6	<6	<6	<6	-	<6	<6	<6	12

Element		41	42	43	44	45	46	47	48	Limit
Aluminum	(Al)	<50	<50	<50	<50	<50	<50	<50	<50	28130
Arsenic	(As)	<5	<5	<5	<5	<5	<5	<5	<5	47
Boron	(B)	<50	<50	<50	<50	<50	<50	<50	<50	15000
Barium	(Ba)	<50	<50	<50	<50	<50	<50	<50	<50	18750
Cadmium	(Cd)	<5	<5	<5	<5	<5	<5	<5	<5	17
Cobalt	(Co)	<10	<10	<10	<10	<10	<10	<10	<10	130
Chromium(III)	(Cr(III))	<10	<10	<10	<10	<10	<10	<10	<10	460
Chromium(VI)	(Cr(VI))	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.053
Copper	(Cu)	<50	<50	<50	<50	<50	<50	<50	<50	7700
Mercury	(Hg)	<5	<5	<5	<5	<5	<5	<5	<5	94
Manganese	(Mn)	<50	<50	<50	<50	<50	<50	<50	<50	15000
Nickel	(Ni)	<50	<50	<50	<50	<50	<50	<50	<50	930
Lead	(Pb)	<5	<5	<5	<5	<5	<5	<5	<5	23
Antimony	(Sb)	<50	<50	<50	<50	<50	<50	<50	<50	560
Selenium	(Se)	<10	<10	<10	<10	<10	<10	<10	<10	460
Tin	(Sn)	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	180000
Strontium	(Sr)	<50	<50	<50	<50	<50	<50	<50	<50	56000
Zinc	(Zn)	<50	<50	<50	<50	<50	<50	<50	<50	46000
Organic Tin	--	<6	<6	<6	<6	<6	<6	<6	<6	12



ORIGINAL

TEST REPORT

No :FA220062

Date :May.17,2022

Element		49	50	51	52	53	54	55	56	Limit
Aluminum	(Al)	<50	<50	<50	<50	<50	<50	<50	<50	28130
Arsenic	(As)	<5	<5	<5	<5	<5	<5	<5	<5	47
Boron	(B)	<50	<50	<50	<50	<50	<50	<50	<50	15000
Barium	(Ba)	<50	<50	<50	<50	<50	<50	<50	<50	18750
Cadmium	(Cd)	<5	<5	<5	<5	<5	<5	<5	<5	17
Cobalt	(Co)	<10	<10	<10	<10	<10	<10	<10	<10	130
Chromium(III)	(Cr(III))	<10	<10	<10	<10	<10	<10	<10	<10	460
Chromium(VI)	(Cr(VI))	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.053
Copper	(Cu)	<50	<50	<50	<50	<50	<50	<50	<50	7700
Mercury	(Hg)	<5	<5	<5	<5	<5	<5	<5	<5	94
Manganese	(Mn)	<50	<50	<50	<50	<50	<50	<50	<50	15000
Nickel	(Ni)	<50	<50	<50	<50	<50	<50	<50	<50	930
Lead	(Pb)	<5	<5	<5	<5	<5	<5	<5	<5	23
Antimony	(Sb)	<50	<50	<50	<50	<50	<50	<50	<50	560
Selenium	(Se)	<10	<10	<10	<10	<10	<10	<10	<10	460
Tin	(Sn)	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	180000
Strontium	(Sr)	<50	<50	<50	<50	<50	<50	<50	<50	56000
Zinc	(Zn)	<50	<50	<50	<50	<50	<50	<50	<50	46000
Organic Tin	--	<6	<6	<6	<6	<6	<6	<6	<6	12
Element		57	58	59	60	61				Limit
Aluminum	(Al)	<50	<50	315	<50	<50				28130
Arsenic	(As)	<5	<5	<5	<5	<5				47
Boron	(B)	<50	<50	<50	<50	<50				15000
Barium	(Ba)	<50	<50	<50	<50	<50				18750
Cadmium	(Cd)	<5	<5	<5	<5	<5				17
Cobalt	(Co)	<10	<10	<10	<10	<10				130
Chromium(III)	(Cr(III))	<10	<10	<10	<10	<10				460
Chromium(VI)	(Cr(VI))	<0.025	<0.025	<0.025	<0.025	<0.025				0.053
Copper	(Cu)	<50	<50	<50	<50	<50				7700
Mercury	(Hg)	<5	<5	<5	<5	<5				94
Manganese	(Mn)	<50	<50	<50	<50	<50				15000
Nickel	(Ni)	<50	<50	<50	<50	<50				930
Lead	(Pb)	<5	<5	<5	<5	<5				23
Antimony	(Sb)	<50	<50	<50	<50	<50				560
Selenium	(Se)	<10	<10	<10	<10	<10				460
Tin	(Sn)	<2.4	<2.4	<2.4	<2.4	<2.4				180000
Strontium	(Sr)	<50	<50	<50	<50	<50				56000
Zinc	(Zn)	<50	<50	<50	<50	<50				46000
Organic Tin	--	<6	<6	<6	<6	<6				12

Remark:

* Mass of trace amount of group 10=0.077g, group 59=0.028g.

**The group 14, group 37 weigh respectively less than 10mg.

- Test results of Organic Tin was derived from migration results of total tin.
- The concentrations of the organic tins were expressed as tributyltin (TBT).
- Abbreviation: < = Less than; mg/kg = milligram per kilogram



ORIGINAL

APPENDIX

No :FA220062

Date :May.17,2022



NCL authenticates the photo on ORIGINAL report only.

*** End of Report ***

Page: 9 of 9