

TEST REPORT

APPLICANT : YZ SUNSHINE ARTS&CRAFTS CO.LTD

ADDRESS : Industrial park, Dayi Town, Yangzhou City, Jiangsu province, China

SAMPLE DESCRIPTION : Kids rocking horse

ITEM NO. : 330-091、330-105、330-109BN、330-109PK、330-110、330-112、330-115、WJ-721、WJ-723、WJ-724、WJ-725

AGE REQUESTED ON APPLICATION FORM : A,B,C,D,I: 3+, Other: 18M+

LABELED AGE GRADE : A,B,C,D,I: 3+, Other: 18M+

AGE GRADE APPLIED IN TESTING : A,B,C,D,I: Over 3 Years, Other: Over 18 Months

SAMPLE RECEIVED DATE : 11-May-2023

TURN AROUND TIME : 11-May-2023 to 23-May-2023

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

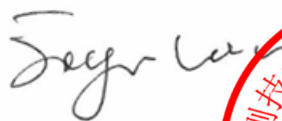
TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Physical and Mechanical Hazards	ASTM F963-17	Pass
Flammability of Toys	ASTM F963-17	Pass
Heavy Metals	ASTM F963-17	Pass
Total Lead Content in Substrate	US CPSIA, Section 101	Pass
Phthalates Content	US CPSIA, Section 108	Pass
Total Lead Content in Paint / Surface Coating	US CPSIA, Section 101	Pass
Phthalates Content	CPSC 16 CFR part 1307	Pass

Samples are obtained by express delivery, Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to info.sh@eurofins.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to chinacomplaint@eurofins.com and referring to this report number.



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

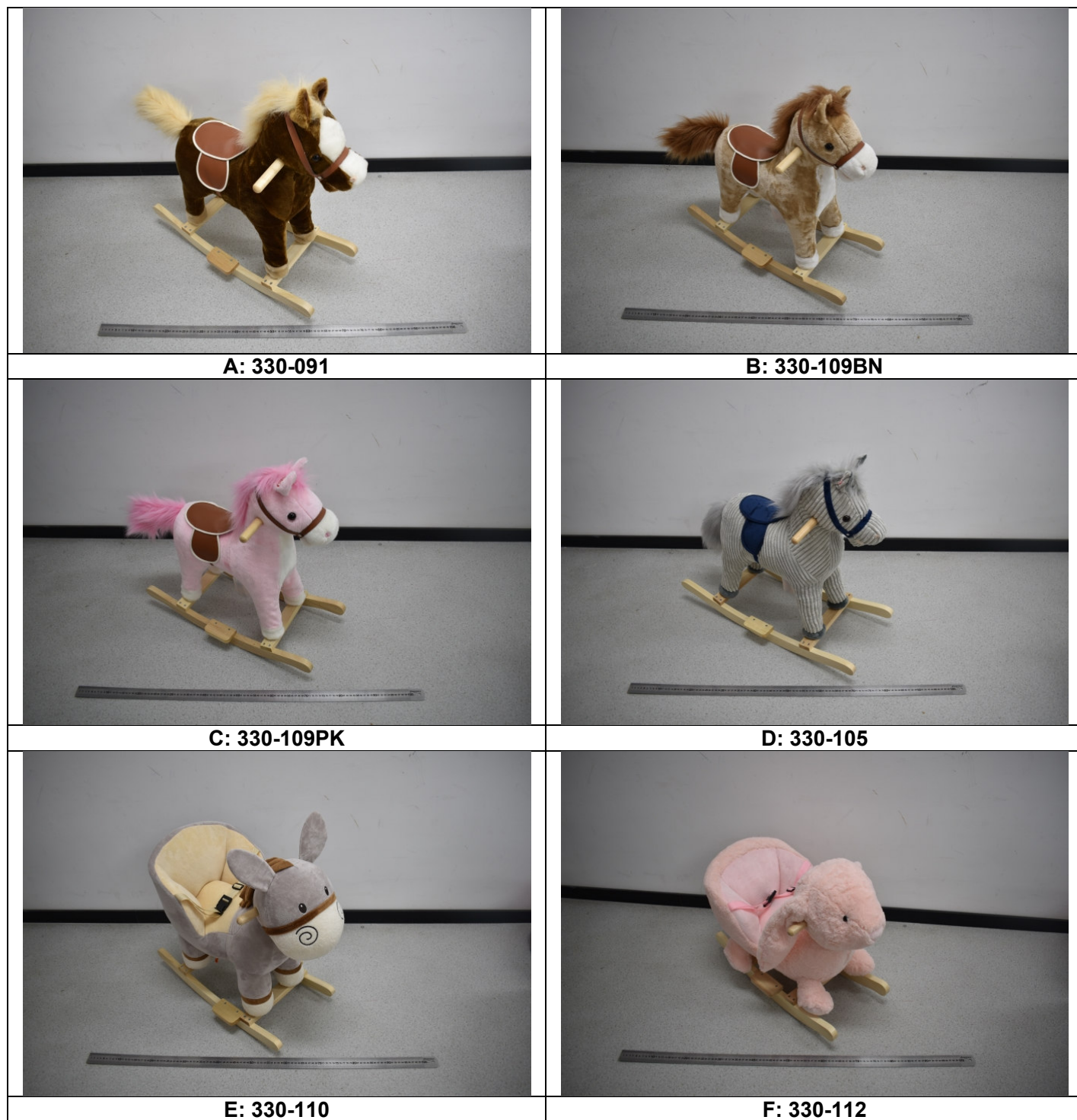
Signed for and on behalf of
Eurofins Product Testing Service (Shanghai) Co., Ltd



Joyce Liu
Operation Director



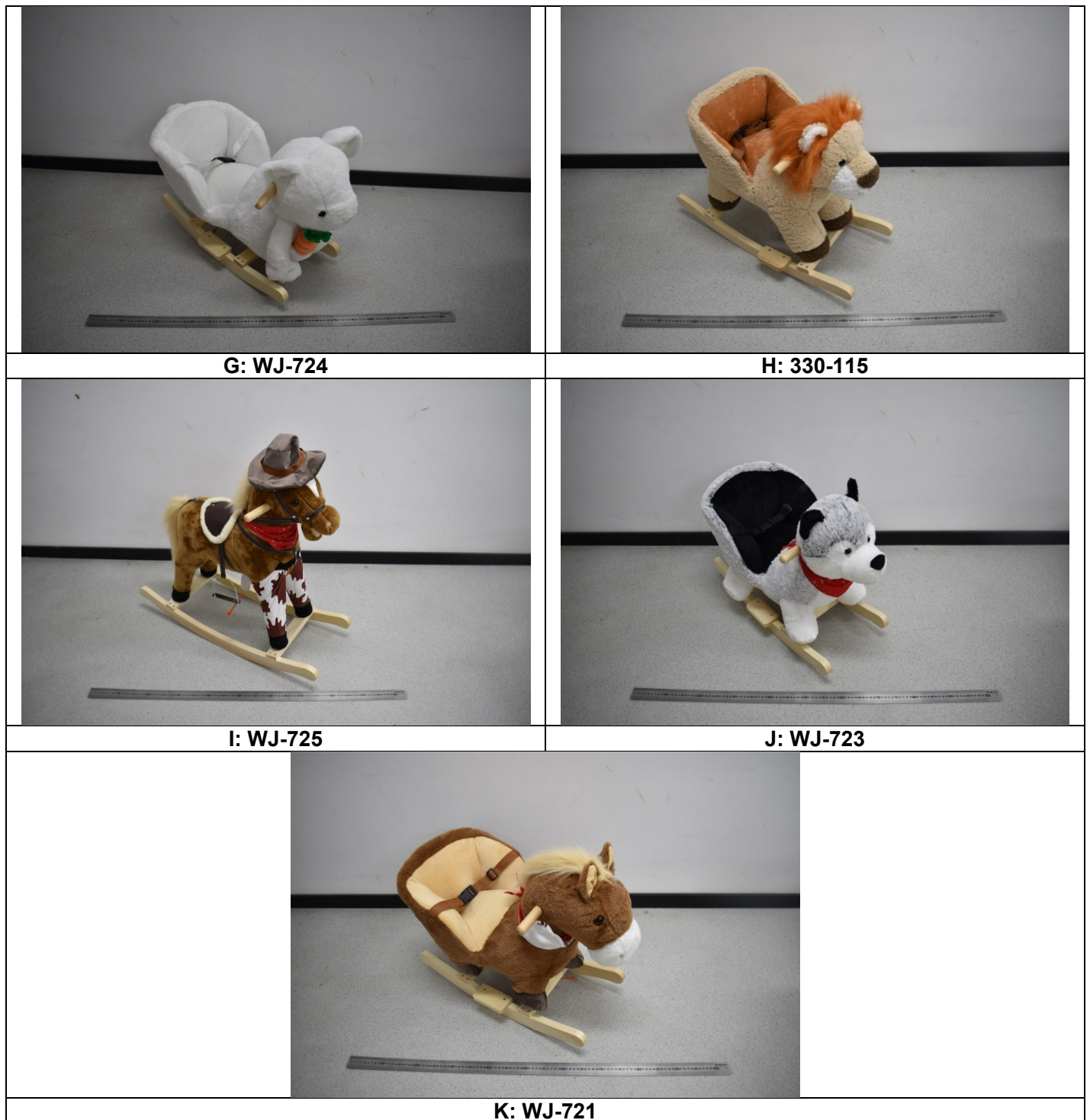
SAMPLE PHOTO(S)



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TO BE CONTINUED

SAMPLE PHOTO(S)



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TO BE CONTINUED

COMPONENT LIST

Component No.	Component	Sample No.
1	Transparent coating on wood	A,B,C,D,E,F,G,H,I,J,K
2	White fabric with multi-color coating (label)	A,B,C,D,E,F,H
3	White plastic (adjustment buckle)	I
4	White plastic Velcro hook	A,B,C,D,E,F,G,H,I,J,K
5	White plastic (battery box)	B,C,D,E,F,G,H,I,J,K
6	Black plastic (buckle)	E,F,G,H,J,K
7	Transparent plastic (eyes)	A,B,C,D,F,H,I,J,K
8	White soft plastic wire jacket	B,C,D,E,F,G,I,J,K
9	Yellow soft plastic wire jacket	B,C,D,E,F,H,I,K
10	Light brown long plush fabric (tail)	A,I,K
11	Dark brown plush fabric (body)	A
12	Dark brown short plush fabric (ears)	A,I
13	Milk white plush fabric (face)	A,C
14	Flesh color felt fabric (nose)	A,B,D,I,K
15	Beige white fabric (piping)	A,B,C
16	White fabric Velcro loop	A,B,C,D,E,F,G,H,I,J,K
17	Light brown plush fabric (feet)	A,B
18	White plush fabric (face)	B,I,J
19	Brown long plush fabric (tail)	B
20	Brown short plush fabric (ears)	B
21	White fabric (belly)	B,C,D,E,F,G,H,I,J,K
22	Pink felt fabric (nose)	C
23	White short plush fabric (ears)	C
24	Pink plush fabric (body)	C
25	Pink long plush fabric (tail)	C
26	Dark blue felt fabric (cushion)	D
27	Dark blue fabric (piping)	D
28	Grey plush fabric (body)	D
29	Dark grey short plush fabric (feet)	D
30	Grey long plush fabric (tail)	D
31	Beige white fabric (face)	E
32	Dark brown short plush fabric	E
33	Beige short plush fabric (seats)	E
34	Grey brown short plush fabric (body)	E
35	Dark brown embroidered threads	E
36	White embroidered threads	E
37	Beige yellow fabric (tape)	E
38	Pink plush fabric (body)	F
39	Pink short plush fabric (seats)	F
40	Pink fabric (tape)	F
41	White fabric (tape)	G
42	White short plush fabric (seats)	G,J
43	Green felt fabric	G
44	Orange short plush fabric	G
45	Black embroidered threads	G,H
46	White plush fabric	G
47	Red brown embroidered threads	G
48	Red brown fabric	G
49	Orange plush fabric	H

TO BE CONTINUED

Component No.	Component	Sample No.
50	Light brown plush fabric	H
51	White plush fabric	H
52	Dark brown plush fabric	H
53	Brown fabric (on hat)	I
54	Grey brown fabric (hat)	I,K
55	White non-woven (hat)	I
56	Dark brown plush fabric (body)	I
57	Black plush fabric (feet)	I,J
58	Black short plush fabric (chest)	I,J
59	White fabric (legs)	I,K
60	Brown fabric (legs)	I,K
61	Beige white plush fabric (cushion)	I
62	Black threads (mouth)	J
63	Black fabric (tape)	J
64	White long plush fabric (tail)	G
65	White plush fabric (face)	K
66	Light brown short plush fabric (seats)	K
67	Brown plush fabric (body)	K
68	Dark blue short plush fabric (cushion)	D
69	Orange brown short plush fabric	H
70	Brown fabric (tape)	H,K
71	Multi-color fabric (scarf)	I,J,K
72	Grey/white plush fabric (body)	J
73	Red/white fabric (switch)	B,C,D,E,G,H,I,J,K
74	Brown artificial leather with grey felt fabric	A,B,C
75	Dark brown artificial leather grey felt fabric	I
76	Natural color wood excluding coating	A,B,C,D,E,F,G,H,I,J,K
77	Silver metal (foot pedal)	I
78	Silver metal (rivet)	A,B,C,D,I
79	Silver metal (screw)	A,B,C,D,E,F,G,H,I,J,K
80	Silver metal (gasket/nut)	A,B,C,D,E,F,G,H,I,J,K
81	White foam (body/inside)	A,B,C,D,I
82	White foam (seats/inside)	E,F,G,H,J,K
83	Silver metal (spring/tail/inside)	B,C,D
84	Silver metal (inside)	F,H,J,K
85	White plastic (switch/inside)	B,C,D,E,F,G,H,I,J,K
86	Beige sponge (mouth/inside)	A,B,C,D,I

TO BE CONTINUED

TEST RESULT

Physical and Mechanical Hazards

Test Request: As specified in Consumer Safety Specification ASTM F963-17

Section	Description	Result
4.1	Material Quality	P
4.3.7	Stuffing Materials	P
4.5	Sound-Producing Toys	P
4.6	Small Objects	P
4.6.1	Toys that are intended for children under 36 months of age	P
4.6.2	Mouth-Actuated Toys	N/A
4.6.3	Toys that are intended for children over 36 months but less than 72 months	N/A
4.7	Accessible Edges	P
4.8	Projections	P
4.8.1	Bath Toy Projections	N/A
4.9	Accessible Points	P
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	P
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	N/A
4.14	Cords, Straps and Elastics	N/A
4.15	Stability and Over-Load Requirements	P
4.16	Confined Spaces	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearances, and Accessibility of Mechanisms	N/A
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery-Operated Toys (exclude section 4.25.10 Battery-powered ride-on toys and section 4.25.11 Toys contain secondary cells or secondary batteries)	P
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	P
4.28	Stroller and Carriage Toys	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding material	N/A
4.41	Toy Chests	N/A
5	Labeling Requirements	

TO BE CONTINUED

TEST RESULT

Section	Description	Result
5.2	Age Grading Labeling	P
5.3	Safety Labeling Requirements	N/A
5.4	Aquatic Toys	N/A
5.5	Crib and Playpen Toys	N/A
5.6	Mobiles	N/A
5.7	Stroller and Carriage Toys	N/A
5.8	Toys Intended to be Assembled by an Adult	N/A
5.9	Simulated Protective Devices	N/A
5.10	Toys with Functional Sharp Edges and Sharp Points	N/A
5.11	Small Objects, Small Balls, Marbles and Balloons (16 CFR 1500.19)	N/A
5.12	Toy Caps (16 CFR 1500.86 for Required Labeling)	N/A
5.13	Art Materials (16 CFR 1500.14(b)(8))	N/A
5.14	Electric Toys	N/A
5.15	Battery-Operated Toys	N/A
5.15.1	Battery-Powered Ride-On Toys	N/A
5.15.2	Button or Coin Cell Batteries	N/A
5.16	Promotional Materials	N/A
5.17	Magnets	N/A
6	Instructional Literature	
6.1	Definition and Description	P
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4	Toys Intended to be Assembled by an Adult	N/A
6.5	Battery-Operated Toys	P
6.6	Battery-Powered Ride-On Toys	N/A
6.7	Toys in Contact with Food	N/A
6.8	Toy Chests	N/A
7	Producer's Markings	
7.1	Producer's or Distributor's Name and Address	P
7.2	Battery-Powered Ride-on Toys	N/A
7.3	Toy Chests	N/A

Remark:

P-Pass, F- Fail, N/A-Not Applicable, N/C-Not conduct as per client's request

TO BE CONTINUED

TEST RESULT

Flammability of Toys

Test Request: As specified in ASTM F963-17, Section 4.2, testing procedure for materials other than textiles (excluding paper) used in toys is contained in Annex A5.

Sample	Limit	Result
A	0.1 inch/second	P
B	0.1 inch/second	P
C	0.1 inch/second	P
D	0.1 inch/second	P
E	0.1 inch/second	P
F	0.1 inch/second	P
G	0.1 inch/second	P
H	0.1 inch/second	P
I	0.1 inch/second	P
J	0.1 inch/second	P
K	0.1 inch/second	P

Remark:

P-Pass, F- Fail, N/A-Not Applicable

TO BE CONTINUED

TEST RESULT

Heavy Metals

1) ASTM F963-17- Heavy Elements – Total Lead in Paint and Similar Surface-Coating Material (Clause 4.3.5.1(1))
Test Method: ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Tested Item(s)	Unit	Limit	MDL	Result	
				1	2
Total Lead in Paint	mg/kg	90	10	ND	ND

2) ASTM F963-17- Heavy Elements – Total Lead in Substrate Material (Clause 4.3.5.2(2) (a))
Test Method: ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Tested Item(s)	Unit	Limit	MDL	Result				
				3	4	5	6	7
Total Lead in Substrate	mg/kg	100	10	ND	ND	ND	20	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				8	9	74	75	76
Total Lead in Substrate	mg/kg	100	10	ND	ND	11	12	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				77	78	79	80	81
Total Lead in Substrate	mg/kg	100	10	14	14	29	13	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				82	83	84	85	86
Total Lead in Substrate	mg/kg	100	10	ND	ND	ND	ND	ND

3) ASTM F963-17- Heavy Elements – Total Elements Content, Initial Screening for Soluble Migrated Elements Content in Surface Coatings and Substrates Other Than Modeling Clay(Clause 4.3.5.1(2) and 4.3.5.2(2)(b))
Test Method: ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Tested Item(s)	Unit	Limit	MDL	Result				
				1	2	3	4	5
Total Antimony	mg/kg	60	5	ND	47	ND	59	ND
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	42	265	58	104	37
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

TO BE CONTINUED

TEST RESULT

Tested Item(s)	Unit	Limit	MDL	Result				
				6	7	8	9	10
Total Antimony	mg/kg	60	5	100*	29	ND	23	ND
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	636	20	325	ND	149
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	20	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				11	12	13	14	15
Total Antimony	mg/kg	60	5	ND	ND	ND	ND	ND
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	68	ND	ND	ND	135
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				16	17	18	19	20
Total Antimony	mg/kg	60	5	ND	68*	149*	ND	46
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	122	137	ND	208	305
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				21	22	23	24	25
Total Antimony	mg/kg	60	5	109*	65*	95*	ND	85*
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	ND	49	ND	ND	211
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

TO BE CONTINUED

TEST RESULT

Tested Item(s)	Unit	Limit	MDL	Result				
				26	27	28	29	30
Total Antimony	mg/kg	60	5	72*	ND	84*	123*	120*
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	221	ND	151	201	208
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				31	32	33	34	35
Total Antimony	mg/kg	60	5	75*	178*	104*	66*	158*
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	187	272	302	308	26
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				36	37	38	39	40
Total Antimony	mg/kg	60	5	125*	51	84*	177*	49
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	96	25	219	309	88
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				41	42	43	44	45
Total Antimony	mg/kg	60	5	ND	195*	ND	ND	79*
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	44	254	ND	ND	349
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

TO BE CONTINUED

TEST RESULT

Tested Item(s)	Unit	Limit	MDL	Result				
				46	47	48	49	50
Total Antimony	mg/kg	60	5	38	131*	158*	ND	79*
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	125	299	ND	130	246
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				51	52	53	54	55
Total Antimony	mg/kg	60	5	ND	ND	ND	108*	94*
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	69	ND	ND	67	ND
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				56	57	58	59	60
Total Antimony	mg/kg	60	5	ND	ND	ND	ND	36
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	ND	ND	ND	ND	ND
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				61	62	63	64	65
Total Antimony	mg/kg	60	5	ND	ND	ND	48	84*
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	376	ND	ND	130	227
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

TO BE CONTINUED

TEST RESULT

Tested Item(s)	Unit	Limit	MDL	Result				
				66	67	68	69	70
Total Antimony	mg/kg	60	5	ND	53	91*	85*	47
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	ND	1.23x10 ³ *	265	206	193
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				71	72	73	74	75
Total Antimony	mg/kg	60	5	ND	103*	151*	111*	76*
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	81	289	130	1.70x10 ³ *	318
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	11	12
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				76	81	82	85	86
Total Antimony	mg/kg	60	5	157*	ND	ND	95*	ND
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	ND	43	ND	43	32
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

4) ASTM F963-17- Heavy Elements – Soluble Migrated Elements Content in Surface Coatings and Substrates Other Than Modeling Clay (Clause 4.3.5.1(2) and 4.3.5.2(2)(b))

Test Method: ASTM International Standard ASTM F963-17, Section 8.3.2 to 8.3.5 (excluding 8.3.5.5(3))

Tested Item(s)	Unit	Limit	MDL	Result				
				6	17	18	21	22
Soluble Antimony	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Soluble Barium	mg/kg	1000	10	ND	ND	ND	ND	ND
Soluble Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Soluble Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Soluble Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

TO BE CONTINUED

TEST RESULT

Tested Item(s)	Unit	Limit	MDL	Result				
				23	25	26	28	29
Soluble Antimony	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Soluble Barium	mg/kg	1000	10	ND	ND	ND	ND	ND
Soluble Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Soluble Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Soluble Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				30	31	32	33	34
Soluble Antimony	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Soluble Barium	mg/kg	1000	10	ND	ND	ND	ND	ND
Soluble Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Soluble Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Soluble Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				35	36	38	39	42
Soluble Antimony	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Soluble Barium	mg/kg	1000	10	ND	ND	ND	ND	ND
Soluble Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Soluble Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Soluble Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				45	47	48	50	54
Soluble Antimony	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Soluble Barium	mg/kg	1000	10	ND	ND	ND	ND	ND
Soluble Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Soluble Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Soluble Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

TO BE CONTINUED

TEST RESULT

Tested Item(s)	Unit	Limit	MDL	Result				
				55	65	67	68	69
Soluble Antimony	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Soluble Barium	mg/kg	1000	10	ND	ND	ND	ND	ND
Soluble Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Soluble Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Soluble Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				72	73	74	75	76
Soluble Antimony	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Soluble Barium	mg/kg	1000	10	ND	ND	ND	ND	ND
Soluble Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Soluble Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Soluble Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				85				
Soluble Antimony	mg/kg	60	5	ND				
Soluble Arsenic	mg/kg	25	5	ND				
Soluble Barium	mg/kg	1000	10	ND				
Soluble Cadmium	mg/kg	75	5	ND				
Soluble Chromium	mg/kg	60	5	ND				
Soluble Lead	mg/kg	90	10	ND				
Soluble Mercury	mg/kg	60	5	ND				
Soluble Selenium	mg/kg	500	10	ND				

Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

The analytical results were adjusted by subtracting analytical correction factor.

* On the initial analysis for soluble heavy metals content, any tested component of greater than the set limit, the result is inconclusive for the requirement and therefore were retested with soluble heavy metals analysis of ASTM F963-17, Sections 8.3.2 to 8.3.5 as specified in Section 8.3.1.3. The result herein is for reference only (show data), please refer to soluble heavy metals content analysis for the corresponding conclusive results.

According to Section 8.3.1.3, if results of total eight elements are below soluble limits for each element as prescribed in the table, the material can be considered to conform to requirements of 4.3.5.1(2) or 4.3.5.2(2)(b), or both, without further testing.

TO BE CONTINUED

TEST RESULT

Total Lead Content in Substrate

Test Request: Total lead in substrate as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 101

Test Method: CPSC-CH-E1001-08.3 for metal product, CPSC-CH-E1002-08.3 for nonmetal product.
The sample was acid digested, and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result		
				3+4+5	6+7	8+9
Total Lead (Pb)	mg/kg	100	10	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result		
				74	75	76
Total Lead (Pb)	mg/kg	100	10	11	12	ND

Test Item(s)	Unit	Limit	MDL	Result				
				77	78	79	80	81
Total Lead (Pb)	mg/kg	100	10	14	14	29	13	ND

Test Item(s)	Unit	Limit	MDL	Result				
				82	83	84	85	86
Total Lead (Pb)	mg/kg	100	10	ND	ND	ND	ND	ND

Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Phthalates Content

Test Request: Phthalates Content as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 108

Test Method: CPSC-CH-C1001-09.3

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1	2	3+4+5	6+7
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecylphthalate (DIDP)	26761-40-0	%	0.1	0.005	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result		
					8+9	74	75
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND
Diisodecylphthalate (DIDP)	26761-40-0	%	0.1	0.005	ND	ND	ND

Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Total Lead Content in Paint / Surface Coating

Test Request: Total lead in paint/ similar surface coatings as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 101

Test Method: CPSC-CH-E1003-09.1
The sample was acid digested, and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result	
				1	2
Total Lead (Pb)	mg/kg	90	10	ND	ND

Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Phthalates Content

Test Request: Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates as specified in CPSC 16 CFR part 1307.

Test Method: CPSC-CH-C1001-09.4

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1	2	3+4+5	6+7
Diisononylphthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND	ND
Di-n-pentyl phthalate (DPENP)	131-18-0	%	0.1	0.005	ND	ND	ND	ND
Di-n-hexyl phthalate (DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.1	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result		
					8+9	74	75
Diisononylphthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND
Di-n-pentyl phthalate (DPENP)	131-18-0	%	0.1	0.005	ND	ND	ND
Di-n-hexyl phthalate (DHEXP)	84-75-3	%	0.1	0.005	ND	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.1	0.005	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.1	0.005	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	8+9	74	75
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND

Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

MDL = method detection limit

ND = Not detected, less than MDL

END OF THE REPORT