



Test Report No.: T52210300898TY Date: SEP 20, 2022 Page 1 of 20

HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD HAPE INTERNATIONAL (NINGBO) LTD 9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN, NINGBO, CHINA PC:315800

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

E3202 LITTLE CHEF COOKING & STEAM PLAYSET PLUS E3187 LITTLE CHEF COOKING & STEAM PLAYSET

Item No. : E3202, E3187

Country of Origin : CHINA
Country of Destination : GLOBAL

Client Reference Information : E3202A,E3187A

Labeled Age Grading : 3Y+
Requested Age Grading : 3Y+

Age Group Assessed by SGS As Per Age : OVER 2 YEARS

Guideline

Age Group Applied in Testing : OVER 2 YEARS Sample Receiving Date : AUG 17, 2022

Testing Period : AUG 17, 2022 TO SEP 20, 2022





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Test I	Test Requested				
1.	For compliance with the test requirement of ASTM F963-17 Standard Consumer Safety Specification on Toy Safety.				
	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	PASS			
2.	For compliance with test requirement of the Physical & Mechanical, Flammability test requirement of Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A				
	Physical and mechanical tests consisting US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 and US CPSC 16 CFR 1501:				
	 US CPSC 16 CFR 1500.48 – Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of ages 				
	 US CPSC 16 CFR 1500.49 – Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age 	PASS			
	 US CPSC 16 CFR 1501 – Method for identifying toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts 				
	US CPSC 16 CFR 1500.44 – Method for determining extremely flammable and flammable solids	PASS			
3.	Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A Part 1303 - Ban of Lead - Containing Paint and Certain Consumer Products Bearing Lead - Containing Paint – Lead Content	PASS			
4.	Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.	PASS*			



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Test	Requested	Conclusion
5.	CPSIA section 101 - Total Lead content	
	CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	PASS
	Client's Requirement – Lead in paint/similar surface coating material	PASS
	CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS
	Client's Requirement – Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS

Remark: Test item(s) with "*" is(are) not accredited by CNAS.

******* 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

Huang Yao, Lucy Section Head

CNAS Approved Signatories

Qu Ping, Kiky Dept. Manager

CNAS Approved Signatories





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Room (1991) Fall Room (11) Plan 12 Room (10 Plan 13 Room (10 Plan 14 Roo



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Results:

ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

AS SPECIFIED IN ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

<u>Clause</u>	Description	Result
4	Safety Requirements	
4.1	Material Quality **	<u>Pass</u>
4.2	Flammability Test	<u>Pass</u>
		(See Result Page)
4.3	Toxicology	
4.3.2	Manufacturing and Packaging of Food	<u>N/A</u>
4.3.3	Indirect Food Additives	<u>N/A</u>
4.3.4	Cosmetics	<u>N/A</u>
4.3.5	Heavy Elements	
	4.3.5.1 Heavy Elements in Paint/Similar Surface Coating Materials	<u>Pass</u>
		(See Result Page)
	4.3.5.2 Heavy Metal in Substrate Materials	<u>Pass</u>
		(See Result Page)
4.3.6	Cosmetic, Liquids, Pastes, Putties, Gels, Powders and Item of Avian Feather Origin	<u>N/A</u>
4.3.7	Stuffing Materials	N/A
4.3.8	DEHP (DOP)	N/A
4.4	Electrical/Thermal Energy	N/A
4.5	Sound-Producing Toys	<u>Pass</u>
4.6.1	Small Objects	<u>Pass</u>
4.6.2	Mouth-Actuated Toys	<u>N/A</u>
4.6.3	Labelling Requirements	<u>N/A</u>
4.7	Accessible Edges	<u>Pass</u>
4.8	Projections	N/A
4.9	Accessible Points	<u>Pass</u>
4.10	Wires or Rods	<u>N/A</u>
4.11	Nails and Fasteners	<u>Pass</u>
4.12	Plastic Film	<u>Pass</u>



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<u>Clause</u> 4.13.1	<u>Description</u> Folding Mechanisms	Result N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps and Elastic	N/A
4.15	Stability and Over-Load Requirements	N/A
4.16	Confined Spaces	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance & Accessibility of Mechanisms	<u>Pass</u>
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 (Non-rechargeable battery)	<u>Pass</u>
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys and 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 Materials	N/A
4.41	Toy Chest	N/A
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	Pass
5.3	Safety Labeling Requirements	N/A
5.4	AquaticToys	N/A
5.5	Crib & Playpen Toys	N/A
5.6	Mobile	N/A



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<u>Clause</u>	<u>Description</u>	Result
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	N/A
5.12	Toy Caps	N/A
5.13	Art Materials	N/A
5.14	Electric Toys	N/A
5.15	Battery-Operated Toys	N/A
5.16	Promotional Materials	<u>Pass</u>
5.17	Magnets	N/A
6	Instructional Literature	
6.2	Crib & Playpen Toys	N/A
6.3	Mobiles	<u>N/A</u>
6.4	Toys Intended to be Assembled by an Adult	N/A
6.5	Battery-Operated Toys	Pass
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 Markings	<u>Pass</u>
7.2	Battery-Powered Ride-on Toys	N/A
7.3	Toy Chests	N/A
8.5	Normal Use Testing	<u>Pass</u>
8.7	Impact Test	<u>Pass</u>
8.8	Torque Test	<u>Pass</u>
8.9	Tension Test	<u>Pass</u>
8.10	Compression Test	N/A
8.12	Flexure Test	N/A
8.16	Tension Test for Pompoms	<u>N/A</u>

N/A = Not Applicable

** Visual Examination



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Result Page:

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample Burning Rate (inch/sec)
E3202 LITTLE CHEF COOKING & STEAM PLAYSET PLUS

0.1*

E3202 LITTLE CHEF COOKING & STEAM PLAYSET PLUS E3187 LITTLE CHEF COOKING & STEAM PLAYSET

*Burning rate has been rounded to the nearest one tenth of an inch per second.

Requirement: A toy / component is considered a "flammable solid" if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

ASTM F963-17, Clause 4.3.5.1 – Heavy Elements in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 / ASTM F963-17 Clause 8.3 Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Lead Content

Test Item(s)						
MDL (ppm)						
Total Limit (ppm)						
Specimen Description Alias No. No.						
Multi-color printing on wood (Vegetable) + Yellow coating on wood (Accessory) + Dark red coating on wood (Vegetable)	2	1	ND			
2. Purple w/ white coating on wood (Onion) + Transparent lacquer coating on wood (Handle) w/ Dark brown coating on wood (Handle)	2	2	ND			
3. White coating on soft plastic (Pattern) w/ Black coating on soft plastic (Pattern) w/ Pink coating on soft plastic (Pattern) w/ Red coating on soft plastic (Pattern) w/ Brown coating on soft plastic (Pattern) w/ Orange coating on soft plastic (Pattern) w/ Apricot coating on soft plastic (Pattern)	2	3	ND			



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Soluble Heavy Metal Content

Test Item(s)				Pb Sb As Ba Cd Cr Hg Se					Se		
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm)				90	60	25	1000	75	60	60	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	3	9	64.6	ND	ND	ND	ND	ND	ND	ND	ND
2	3	10	/	ND	ND	ND	ND	ND	ND	ND	ND
3	3	15	/	ND	ND	ND	ND	ND	ND	ND	ND
4	3	16	/	ND	ND	ND	ND	ND	ND	ND	ND
5	3	17	79.2	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

- 1. Multi-color printing on wood (Vegetable)
- 2. Purple w/ white coating on wood (Onion)
- 3. Transparent lacquer coating on wood (Body)
- 4. Yellow coating on wood (Body)
- 5. Dark red coating on wood (Vegetable)



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Note: - ppm = parts per million

- 1% = 10000 mg/kg = 10000 ppm = 10000 µg/g

- MDL = Method Detection Limit

- ND = Not Detected (lower than MDL)

 For Soluble Heavy Metal Content Result(s) of specimen No.3 is(are) extracted from report No. T52110321297TY

Result(s) of specimen No.4 is(are) extracted from report No. T52110322666TY

Result(s) of specimen No.5 is(are) extracted from report No. T52210241079TY

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- ^A Test result is over the action limit as suggested by CPSC-CH-E1003-09.1. As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- * Exceeds Permissible Limit

Remark: As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for certain migration elements, as specified in ASTM F963-17 Clause 8.3.3.6 (2) – Selection of Test Portions

White coating on soft plastic (Pattern)
Black coating on soft plastic (Pattern)
Pink coating on soft plastic (Pattern)
Red coating on soft plastic (Pattern)
Brown coating on soft plastic (Pattern)
Orange coating on soft plastic (Pattern)
Apricot coating on soft plastic (Pattern)
Dark brown coating on wood (Handle)



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ASTM F963-17, Clause 4.3.5.2 – Heavy Elements in Substrate Materials

Method: With reference to CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3 / ASTM F963-17 Clause 8.3 / CPSC-CH-E1004-11

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)/ Inductively Coupled Plasma Mass Spectrometer (ICP-MS)

Total Lead Content

Test Item(s)	Lead (Pb)		
MDL (ppm)	10		
Total Limit (ppm)			100
Specimen Description	Result(s) (ppm)		
Light blue plastic (Pan, cover) + Orange plastic (ABS) (Button) + Transparent plastic (Cover)	1	1	ND
Grey white plastic (Spoon) + White plastic (ABS) (Steam drawer) + Black plastic (Switch)	1	2	ND
3. Pink soft plastic (Pig) + Yellow soft plastic (Chicken) + Orange- yellow soft plastic (Tiger)	1	3	ND
4. Cream soft plastic (Rabbit)	1	4	ND
5. Transparent plastic sheet (Accessory)	1	5	ND
 Cream felt w/ brown, light brown printing (Mushroom) + Cream felt w/ orange printing (Shrimp) + Green felt w/ dark green printing, green fabric thread (Vegetable) 	1	6	ND
7. Silvery metal shaft (Handle)	01T-1	1	ND
8. Silvery metal screw (Lid)	01T-1	4	ND
Silvery metal screw (Battery cover)	01T-1	3	ND



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Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ва	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Li Clays	Migration Limit (ppm) Other Than Modeling Clays				60	25	1000	75	60	60	500
Migration Limit (ppm) Modeling Clays				90	60	25	250	50	25	25	500
Specimen Alias Tracing Mass of trace No. No. No. amount (mg)				Adjusted Migration Result(s) (ppm)							
1	3	1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	3	2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	3	3	/	ND	ND	ND	ND	ND	ND	ND	ND
4	3	4	/	ND	ND	ND	ND	ND	ND	ND	ND
5	3	5	/	ND	ND	ND	ND	ND	ND	ND	ND
6	3	6	/	ND	ND	ND	ND	ND	ND	ND	ND
7	3	7	/	ND	ND	ND	ND	ND	ND	ND	ND
8	3	8	/	ND	ND	ND	ND	ND	ND	ND	ND
9	3	11	/	ND	ND	ND	ND	ND	ND	ND	ND
10	3	12	/	ND	ND	ND	ND	ND	ND	ND	ND
11	3	13	/	ND	ND	ND	ND	ND	ND	ND	ND
12	3	14	/	ND	ND	ND	ND	ND	ND	ND	ND
13	3	18	/	ND	ND	ND	ND	ND	ND	ND	ND
14	3	19	/	ND	ND	ND	ND	ND	ND	ND	ND
15	3	20	/	ND	ND	ND	ND	ND	ND	ND	ND



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Specimen Description:

- 1. Light blue plastic (Pan, cover)
- 2. Transparent plastic (Cover)
- 3. Black plastic (Switch)
- 4. Grey white plastic (Spoon)
- 5. Transparent plastic sheet (Accessory)
- 6. Cream felt w/ brown, light brown printing (Mushroom)
- 7. Cream felt w/ orange printing (Shrimp)
- 8. Orange felt (French fries)
- 9. Cream soft plastic (Rabbit)
- 10. Pink soft plastic (Pig)
- 11. Yellow soft plastic (Chicken)
- 12. Orange-yellow soft plastic (Tiger)
- 13. Green felt w/ dark green printing, green fabric thread (Vegetable)
- 14. White plastic (ABS) (Steam drawer)
- 15. Orange plastic (ABS) (Button)





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Note: - ppm = parts per million

- μg/component = microgramme per component

- ND = Not Detected (lower than MDL)

MDL = Method Detection Limit = 10 ppm

- 1% = 10000 mg/kg = 10000 ppm

 For Soluble Heavy Metal Content Result(s) of specimen No.13 is(are) extracted from report No. T52210300607TY

Result(s) of specimen No.14- No.15 is(are) extracted from report No. T52210251519TY

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- ^A Test result is over recommended action limit (80% of the regulatory limit). As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- * Exceeds Permissible Limit



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US CPSC

PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501

AS SPECIFIED IN PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501

	No. of	Sharp point	Sharp edge	
	sample	(16 CFR	(16 CFR	Small part
	tested	<u>1500.48)</u>	1500.49)	(16 CFR 1501)
As received	4	Pass	Pass	Pass
Impact test (16 CFR 1500.52b)	2	Pass	Pass	Pass
Bite test (16 CFR 1500.52c & 53c)	2	N/A	N/A	N/A
Flexure test (16 CFR 1500.53d)	0	N/A	N/A	N/A
Torque test (16 CFR 1500.53e)	2	Pass	Pass	Pass
Tension test (16 CFR 1500.52f)	2	Pass	Pass	Pass
Compression test (16 CFR	0	N/A	N/A	N/A
1500.53g)				

N/A = Not Applicable

US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

AS SPECIFIED IN US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

Sample
E3202 LITTLE CHEF COOKING & STEAM PLAYSET PLUS
E3187 LITTLE CHEF COOKING & STEAM PLAYSET

Burning Rate (inch/sec)
0.1*

Requirement: A toy / component is considered a "flammable solid" if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.



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^{*}Burning rate has been rounded to the nearest one tenth of an inch per second.



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CPSC 16 CFR 1303 - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Test Item(s)	Lead (Pb)		
Permissible Limit (ppm)	90		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
 Multi-color printing on wood (Vegetable) + Yellow coating on wood (Accessory) + Dark red coating on wood (Vegetable) 	4	1	ND
 Purple w/ white coating on wood (Onion) + Transparent lacquer coating on wood (Handle) w/ Dark brown coating on wood (Handle) 	4	2	ND
3. White coating on soft plastic (Pattern) w/ Black coating on soft plastic (Pattern) w/ Pink coating on soft plastic (Pattern) w/ Red coating on soft plastic (Pattern) w/ Brown coating on soft plastic (Pattern) w/ Orange coating on soft plastic (Pattern) w/ Apricot coating on soft plastic (Pattern)	4	3	ND

Note:

- ppm = parts per million
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit = 10 ppm
- -1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- ^A Test result is over the action limit as suggested by CPSC-CH-E1003-09.1. As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- * Exceeds Permissible Limit



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Room (1-19ft) Hard 4 Room (11) Flant 2 Room (11) Flant 2 Room (12) Room (12) Room (12) Room (13) Flant 3 Room (12) Flant 4 Room (12) Flant 4 Room (13) Flant 4 Room (14) Flant 2 Room (13) Flant 4 Room (14) Flant 4 Room (14) Flant 4 Room (14) Flant 4 Room (15) Fla



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As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

- Tracking label found on the packaging:

1) Name: Hape International Inc

2) Location: Made in China

NB05580722

3) Date: NB05580722 4) Cohort information: NB05580722

Tracking label found on the product:1) Name: Hape

2) Location: Made in China NB05580722

3) Date: NB05580722 4) Cohort information: NB05580722

CPSIA - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

Te	st Item(s)	Lead (Pb)		
Pe	rmissible Limit (ppm)	90		
Cli	ient's Limit (ppm)	40		
Sp	ecimen Description	Result(s) (ppm)		
1.	Multi-color printing on wood (Vegetable) + Yellow coating on wood (Accessory) + Dark red coating on wood (Vegetable)	6	1	ND
2.	Purple w/ white coating on wood (Onion) + Transparent lacquer coating on wood (Handle) w/ Dark brown coating on wood (Handle)	6	2	ND
3.	White coating on soft plastic (Pattern) w/ Black coating on soft plastic (Pattern) w/ Pink coating on soft plastic (Pattern) w/ Red coating on soft plastic (Pattern) w/ Brown coating on soft plastic (Pattern) w/ Orange coating on soft plastic (Pattern) w/ Apricot coating on soft plastic (Pattern)	6	3	ND



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Note: - ppm = parts per million

- ND = Not Detected (lower than MDL)

- MDL = Method Detection Limit = 10 ppm

-1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- [^] Test result is over the action limit as suggested by CPSC-CH-E1003-09.1. As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- * Exceeds Permissible Limit



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CPSIA - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)

Test Item(s)			Lead (Pb)
Permissible Limit **(ppm)			100
Client's Limit (ppm)			40
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
Light blue plastic (Pan, cover) + Orange plastic (ABS) (Button) + Transparent plastic (Cover)	5	1	ND
2. Grey white plastic (Spoon) + White plastic (ABS) (Steam drawer) + Black plastic (Switch)	5	2	ND
3. Pink soft plastic (Pig) + Yellow soft plastic (Chicken) + Orange- yellow soft plastic (Tiger)	5	3	ND
4. Cream soft plastic (Rabbit)	5	4	ND
5. Transparent plastic sheet (Accessory)	5	5	ND
6. Cream felt w/ brown, light brown printing (Mushroom) + Cream felt w/ orange printing (Shrimp) + Green felt w/ dark green printing, green fabric thread (Vegetable)	5	6	ND
7. Silvery metal shaft (Handle)	01T-2	1	ND
8. Silvery metal screw (Lid)	01T-2	4	ND
Silvery metal screw (Battery cover)	01T-2	3	ND

^{**} Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)



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Note: - ppm = parts per million

- ND = Not Detected (lower than MDL)

- MDL = Method Detection Limit = 10 ppm

-1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- [△] Test result is over recommended action limit (80% of the regulatory limit). As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- * Exceeds Permissible Limit

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- 2. The statement of conformity has considered the decision rule based on the Guarded acceptance (8.3.2 of ISO/IEC GUIDE 98-4:2012). When the measured value falls within the guard band, only the test data and measurement uncertainty will be reported. The guard band is equal to the expanded measurement uncertainty with a 95% coverage probability(k=2), w = U₉₅. The Probability of False Accept and the Probability of False Reject of the decision rule are 2.5%.

For Upper Tolerance Limit (T_U):

Pass - when the measurement result is below T_U - U_{95}

Fail - when the measurement result is above Tu+U95

Inconclusive - when the measurement result is falling in guard band [T_U-U₉₅, T_U+U₉₅]

For Lower Tolerance Limit (T_L):

Pass - when the measurement result is above T_L+U₉₅

Fail - when the measurement result is below T_L-U₉₅

Inconclusive - when the measurement result is falling in guard band [T_L-U₉₅, T_L+U₉₅]



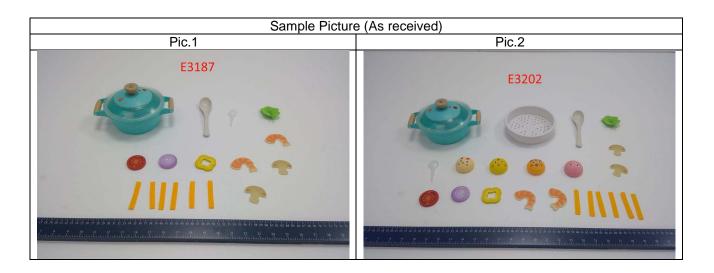
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