



TEST REPORT

Report No. 010224110050

DATED: 30 DECEMBER 2024

Client : PLAN CREATIONS CO., LTD.
8 MOO 8, TRANG-PALIAN RD.,
YANTAKAO, TRANG 92140 THAILAND

Buyer : /

Sample Description : BALLET TOP

Item No. : 5495

SKU No. : /

Model / Style : /

Client Specified Age Grade : 3Y+

Manufacturer : /

Country of Origin : THAILAND

Country of Destination : /

Test Sample Received : RECEIVED 19/12/2024

Test Period : FROM 19/12/2024 TO 30/12/2024

TEST REQUESTED	CONCLUSION	REMARK
ASTM F963-23 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (MECHANICAL AND PHYSICAL PROPERTIES)	PASS	-
ASTM F963-23 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (FLAMMABILITY)	PASS	-
CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 101 (A)/ 15 U.S.C 1278A / ASTM F963-23 STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY SECTION 4.3.5.2(2)A – TOTAL LEAD IN SUBSTRATE	PASS	-
CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 101 (F)/ 16 CFR PART 1303 / ASTM F963-23 STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY SECTION 4.3.5.1(1) – TOTAL LEAD IN SURFACE COATING	PASS	-
ILCS 410 ILCS 45 LEAD POISONING PREVENTION ACT SEC. 6(B) CHILDREN'S PRODUCTS (ILLINOIS)	PASS	-
ASTM F963-23 STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY SECTION 4.3.5.2(2)(B) – SOLUBLE HEAVY METALS CONTENT IN SUBSTRATE	PASS	-
ASTM F963-23 STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY SECTION 4.3.5.1(2) SOLUBLE HEAVY METALS CONTENT IN SURFACE COATING	PASS	-

GIC Testing & Inspection Services Pte Ltd

158 Kallang Way #08-01
Singapore 349245



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TEST REQUESTED	CONCLUSION	REMARK
CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 108/ 16 CFR PART 1307 / ASTM F963-23 STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY SECTION 4.3.8 - PHTHALATES	PASS	-
CALIFORNIA PROPOSITION 65 – PHTHALATE CONTENT	PASS	-

Remark:

1. The sample is tested "3Y+" as per client requested.
2. The Labeled Age Grade is 3Y+.

For technical enquiries or any other concerns,
please contact:

GIC TESTING & INSPECTION SERVICES PTE LTD

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GICG - ENABLING TRUST IN A CHANGING WORLD

SAMPLE PHOTO



SAMPLE PHOTO





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REMARK:

As per customer request, results for chemical tests listed below were referenced from the corresponding reports, issued no more than 12 months prior to this report.

Item Description: 5495 BALLET TOP

Components

ASTM F963-23 Soluble Heavy Metals

		<u>Report Number</u>	<u>Date of Issue</u>
1	LIGHT YELLOW SAWDUST	010223120137	16-Jan-24
2	5283830 COTTON CORD	010224120058	26-Dec-24
3	5293927 BLACK RUBBER RING	010224060105	27-Jun-24
4	CLEAR COATING ON WOOD	010224060179	16-Jul-24
5	WHITE COATING ON SAWDUST	010223120163	22-Jan-24
6	RED COATING ON SAWDUST	010223120164	22-Jan-24
7	BLUE COATING ON WOOD	010224020091	7-Mar-24
8	LIGHT BROWN COATING ON WOOD	010224030219	1-Apr-24
9	ORANGE COATING ON WOOD	010224050067	5-Jun-24

Lead in Surface Coating

1	CLEAR COATING ON WOOD	010224060179	16-Jul-24
2	WHITE COATING ON SAWDUST	010223120163	22-Jan-24
3	RED COATING ON SAWDUST	010223120164	22-Jan-24
4	BLUE COATING ON WOOD	010224020091	7-Mar-24
5	LIGHT BROWN COATING ON WOOD	010224030219	1-Apr-24
6	ORANGE COATING ON WOOD	010224050067	5-Jun-24

Lead in Substrate

1	LIGHT YELLOW SAWDUST	010223120137	16-Jan-24
2	5283830 COTTON CORD	010224120058	26-Dec-24
3	5293927 BLACK RUBBER RING	010224060105	27-Jun-24

Phthalate Content

1	LIGHT YELLOW SAWDUST	010223120137	16-Jan-24
2	5293927 BLACK RUBBER RING	010224060105	27-Jun-24
3	CLEAR COATING ON WOOD	010224060179	16-Jul-24
4	WHITE COATING ON SAWDUST	010223120163	22-Jan-24
5	RED COATING ON SAWDUST	010223120164	22-Jan-24
6	BLUE COATING ON WOOD	010224020091	7-Mar-24
7	LIGHT BROWN COATING ON WOOD	010224030219	1-Apr-24
8	ORANGE COATING ON WOOD	010224050067	5-Jun-24



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TEST RESULT(S):

ASTM F963-23 – Standard Consumer Safety Specification for Toy Safety (Mechanical and Physical Properties)

Test Method : Reference to ASTM F963-23.

Clause	Requirement	Result
4.1	Material quality	M
4.2	Flammability	See Results
4.3	Toxicology	M 4.3.5.1 (1) & (2); 4.3.5.2 (2) a & b; 4.3.8
4.4	Electrical/Thermal Energy	NA
4.5	Sound-Producing Toys	NA
4.6	Small Objects	NA
4.7	Accessible Edges	M
4.8	Projections	NA
4.9	Accessible Points	M 4.9.1, 4.9.3
4.10	Wires or Rods	NA
4.11	Nails and Fasteners	NA
4.12	Plastic Film	NA
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	NA
4.16	Confined Spaces	NA
4.17	Wheels, Tires, and Axles	NA
4.18	Holes, Clearance, and Accessibility of Mechanisms	NA
4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers and Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-Operated Toys	NA
4.26	Toys Intended to be Attached to a Crib or Playpen	NA
4.27	Stuffed and Beanbag-Type Toys	NA
4.28	Stroller and Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
4.32	Certain Toys with Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	M 16 CFR 1500.19
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA



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TEST RESULT(S): (Continued)

Clause	Requirement	Result
5	Labeling Requirements	M 5.1, 5.2, 5.3, 5.11
6	Instructional Literature	M 6.1
7	Producer's Markings	M 7.1

Note:

M = Meet

NM = Not Meet

NA = Not Applicable

R = Refer to Comment Section

NR = Not Requested

NT = Not Tested

NP = Not Present

Flammability For Solid/ Soft Toy

Test Method : Reference to ASTM F963-23 Annex A5

Test Item(s)	Item / Component Description(s)
1	5495 Ballet Spinning Top

Test Item(s)	Length of Major Axis (in)	Burn Length (in)	Burn Time (s)	Regulatory Limit (in/s)	Burn Rate (in/s)	Result
1	6	0	5	0.1	DNI	PASS

Note:

M = Meet

NM = Not Meet

NA = Not Applicable

R = Refer to Comment Section

NR = Not Requested

NT = Not Tested

NP = Not Present

DNI = Did Not Ignite

Consumer Product Safety Improvement Act Of 2008 Section 101 (a)/ 15 U.S.C 1278a / ASTM F963-23 Standard Consumer Safety Specification on Toy Safety Section 4.3.5.2(2)a & 8.3.1 – Total Lead In Substrate

Test Method : Reference to ASTM F963-23 Section 8.3.1 - CPSC-CH-E1002-08.3

Test Item(s)	Item / Component Description(s)
1	LIGHT YELLOW SAWDUST
2	5283830 COTTON CORD
3	5293927 BLACK RUBBER RING

Test Item(s)	Unit	Permissible Limit	Result		
			1	2	3
Lead (Pb)	mg/kg	100	ND	ND	4.1
Conclusion	-	-	PASS	PASS	PASS

Note:

- mg/kg = milligrams per kilogram

- ND = Not Detected

- Reporting limit (Each): 2 mg/kg



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TEST RESULT(S): (Continued)

Consumer Product Safety Improvement Act Of 2008 Section 101 (f)/ 16 CFR Part 1303 / ASTM F963-23 Standard Consumer Safety Specification on Toy Safety Section 4.3.5.1(1) - Total Lead In Surface Coating

Test Method : Reference to ASTM F963-23 Section 8.3.1 - CPSC-CH-E1003-09.1

Test Item(s)	Item / Component Description(s)
1	CLEAR COATING ON WOOD
2	WHITE COATING ON SAWDUST
3	RED COATING ON SAWDUST
4	BLUE COATING ON WOOD
5	LIGHT BROWN COATING ON WOOD
6	ORANGE COATING ON WOOD

Test Item(s)	Unit	Permissible Limit	Result					
			1	2	3	4	5	6
Lead (Pb)	mg/kg	90	ND	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

Note:

- mg/kg = milligrams per kilogram
- ND = Not Detected
- Reporting limit (Each): 2 mg/kg

410 ILCS 45 Lead Poisoning Prevention Act sec. 6(b) Children's Products (Illinois)

Test Method : Reference to ASTM F963-23 Section 8.3.1 - CPSC-CH-E1002-08.3, CPSC-CH-E1003-09.1

Test Item(s)	Item / Component Description(s)
1	LIGHT YELLOW SAWDUST
2	5283830 COTTON CORD
3	5293927 BLACK RUBBER RING

Test Item(s)	Unit	Permissible Limit	Result		
			1	2	3
Lead (Pb) in substrate	mg/kg	100*	ND	ND	4.1
Conclusion	-	-	PASS	PASS	PASS

Test Item(s)	Item / Component Description(s)
1	CLEAR COATING ON WOOD
2	WHITE COATING ON SAWDUST
3	RED COATING ON SAWDUST
4	BLUE COATING ON WOOD
5	LIGHT BROWN COATING ON WOOD
6	ORANGE COATING ON WOOD

Test Item(s)	Unit	Permissible Limit	Result					
			1	2	3	4	5	6
Lead (Pb) in coating	mg/kg	90*	ND	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

Note:

- mg/kg = milligrams per kilogram
- ND = Not Detected
- Reporting limit (Each): 2 mg/kg
- * Result over 40 mg/kg – 90 mg/kg in coating and 40 mg/kg – 100 mg/kg in substrate, warning label must be added



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TEST RESULT(S): (Continued)

ASTM F963-23 Standard Consumer Safety Specification on Toy Safety Section 4.3.5.2(2)(b) - Soluble Heavy Metals Content in Substrate

Test Method : Reference to ASTM F963-23, Section 8.3.5 (Excluding 8.3.5.5(3)).

Test Item(s)	Item / Component Description(s)
1	LIGHT YELLOW SAWDUST
2	5283830 COTTON CORD
3	5293927 BLACK RUBBER RING

Soluble Element(s)	As	Ba	Cd	Cr	Hg	Pb	Sb	Se
Maximum Allowable Limit (mg/kg)	25	1 000	75	60	60	90	60	500
Analytical Correction (%)	60	30	30	30	50	30	60	60

-	Unit	Result		
Test Item(s)	-	1	2	3
Parameter	-	-	-	-
Arsenic (As)	mg/kg	ND	ND	ND
Barium (Ba)	mg/kg	ND	ND	ND
Cadmium (Cd)	mg/kg	ND	ND	ND
Chromium (Cr)	mg/kg	ND	ND	ND
Mercury (Hg)	mg/kg	ND	ND	ND
Lead (Pb)	mg/kg	ND	ND	ND
Antimony (Sb)	mg/kg	ND	ND	ND
Selenium (Se)	mg/kg	ND	ND	ND
Conclusion	-	PASS	PASS	PASS

Note / Key:

- mg/kg = milligrams per kilogram
- Reporting limit (Each): 2 mg/kg
- ND = Not Detected

Remark:

- ^c denotes as reported result(s) was (were) adjusted by analytical correction shown in limit table.

ASTM F963-23 Standard Consumer Safety Specification on Toy Safety Section 4.3.5.1(2) - Soluble Heavy Metals Content in Surface Coating

Test Item(s)	Item / Component Description(s)
1	CLEAR COATING ON WOOD
2	WHITE COATING ON SAWDUST
3	RED COATING ON SAWDUST
4	BLUE COATING ON WOOD
5	LIGHT BROWN COATING ON WOOD
6	ORANGE COATING ON WOOD

Soluble Element(s)	As	Ba	Cd	Cr	Hg	Pb	Sb	Se
Maximum Allowable Limit (mg/kg)	25	1 000	75	60	60	90	60	500
Analytical Correction (%)	60	30	30	30	50	30	60	60



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TEST RESULT(S): (Continued)

-	Unit	Result					
Test Item(s)	-	1	2	3	4	5	6
Parameter	-	-	-	-	-	-	-
Arsenic (As)	mg/kg	ND	ND	ND	ND	ND	ND
Barium (Ba)	mg/kg	ND	ND	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	ND	ND	ND	ND	ND	ND
Chromium (Cr)	mg/kg	ND	ND	ND	ND	ND	ND
Mercury (Hg)	mg/kg	ND	ND	ND	ND	ND	ND
Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND
Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	ND	ND	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS	PASS	PASS

Note / Key:

- mg/kg = milligrams per kilogram
- ND = Not Detected
- Reporting limit (Each): 2 mg/kg

Remark:

- ^c denotes as reported result(s) was (were) adjusted by analytical correction shown in limit table.

Consumer Product Safety Improvement Act Of 2008 Section 108/ 16 CFR Part 1307 / ASTM F963-23 Standard Consumer Safety Specification on Toy Safety Section 4.3.8 - Phthalates

Test Method : Reference to ASTM F963-23 Section 4.3.8.1- CPSC-CH-C1001-09.4

Test Item(s)	Item / Component Description(s)
1	LIGHT YELLOW SAWDUST
2	5293927 BLACK RUBBER RING
3	CLEAR COATING ON WOOD
4	WHITE COATING ON SAWDUST
5	RED COATING ON SAWDUST
6	BLUE COATING ON WOOD
7	LIGHT BROWN COATING ON WOOD
8	ORANGE COATING ON WOOD

-	Abbrev.	Unit	Permissible Limit	Result			
Test Item(s)	-	-	-	1	2	3	4
Di-iso-butyl phthalate	DIBP	%	0.1	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND
Di-n-pentyl phthalate	DPENP	%	0.1	ND	ND	ND	ND
Di-n-hexyl phthalate	DHEXP	%	0.1	ND	ND	ND	ND
Di-cyclohexyl phthalate	DCHP	%	0.1	ND	ND	ND	ND
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND
Di-n-octyl phthalate	DNOP	%	0.1	ND	ND	ND	ND
Di-iso-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS



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TEST RESULT(S): (Continued)

-	Abbrev.	Unit	Permissible Limit	Result			
Test Item(s)	-	-	-	5	6	7	8
Di-iso-butyl phthalate	DIBP	%	0.1	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND
Di-n-pentyl phthalate	DPENP	%	0.1	ND	ND	ND	ND
Di-n-hexyl phthalate	DHEXP	%	0.1	ND	ND	ND	ND
Di-cyclohexyl phthalate	DCHP	%	0.1	ND	ND	ND	ND
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND
Di-n-octyl phthalate	DNOP	%	0.1	ND	ND	ND	ND
Di-iso-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS

Note:

- Reporting limit (Each): 0.01 %
- ND = Not Detected
- Phthalate requirements are quoted in accordance with 16 CFR 1307, while Di-n-octyl phthalate (DNOP) and Di-iso-decyl phthalate (DIDP) were tested upon client request.

ANNEX					
Compound	Abbrev.	CASRN	Compound	Abbrev.	CASRN
Di-iso-butyl phthalate	DIBP	84-69-5	Di-iso-nonyl phthalate	DINP	28553-12-0 / 68515-48-0
Di-butyl phthalate	DBP	84-74-2	Di-iso-decyl phthalate	DIDP	68515-49-1 / 26761-40-0
Di-n-pentyl phthalate	DPENP	131-18-0	Di-n-hexyl phthalate	DHEXP	84-75-3
Benzyl butyl phthalate	BBP	85-68-7	Di-n-octyl phthalate	DNOP	117-84-0
Di-(2-ethylhexyl) phthalate	DEHP	117-81-7	Di-cyclohexyl phthalate	DCHP	84-61-7

CASRN: Chemical Abstracts Service Registry Number

California Proposition 65 – Phthalate Content

Test Method : Reference to ASTM F963-23 Section 4.3.8.1- CPSC-CH-C1001-09.4

Test Item(s)	Item / Component Description(s)
1	LIGHT YELLOW SAWDUST
2	5293927 BLACK RUBBER RING
3	CLEAR COATING ON WOOD
4	WHITE COATING ON SAWDUST
5	RED COATING ON SAWDUST
6	BLUE COATING ON WOOD
7	LIGHT BROWN COATING ON WOOD
8	ORANGE COATING ON WOOD

-	Abbrev.	Unit	Permissible Limit	Result			
Test Item(s)	-	-	-	1	2	3	4
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND
Di-iso-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND
Di-n-hexyl phthalate	DHEXP / DnHP	%	0.1	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS



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TEST RESULT(S): (Continued)

-	Abbrev.	Unit	Permissible Limit	Result			
Test Item(s)	-	-	-	5	6	7	8
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND
Di-iso-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND
Di-n-hexyl phthalate	DHEXP / DnHP	%	0.1	ND	ND	ND	ND
Conclusion	-	-	-	PASS	PASS	PASS	PASS

Note:

- Reporting limit (Each): 0.01 %

- ND = Not Detected

ANNEX					
Compound	Abbrev.	CAS no.	Compound	Abbrev.	CAS no.
Di-butyl phthalate	DBP	84-74-2	Di-(2-ethylhexyl) phthalate	DEHP	117-81-7
Benzyl butyl phthalate	BBP	85-68-7	Di-n-hexyl phthalate	DHEXP / DnHP	84-75-3
Di-iso-nonyl phthalate	DINP	28553-12-0	Di-iso-decyl phthalate	DIDP	26761-40-0

CASRN: Chemical Abstracts Service Registry Number

END OF REPORT

This report sets forth our findings solely with respect to the test samples identified herein. The results in this report are not representative of the quality or characteristics of the lot/batch from which a test sample was taken or any similar or identical product unless specifically and expressly noted. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client, GIC Testing & Inspection Services Pte. Ltd. therefore assumes no responsibility for the accuracy of information on the brand name, model/ style number, consignment or any information supplied. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission.