

TEST REPORT

Report No. 010224090040R1

DATED: 20 DECEMBER 2024

Client : PLAN CREATIONS CO., LTD.

8 MOO 8, TRANG-PALIAN RD.,

YANTAKAO, TRANG 92140 THAILAND

Buyer : /

Sample Description : PLANSPACE GATHERING FLAT WITH SUNROOM

Item No. : 7616

SKU No. : /

Model / Style : /

Client Specified Age Grade : 3Y+

Manufacturer : /

Country of Origin : THAILAND

Country of Destination : /

Test Sample Received : RECEIVED 11/09/2024

Test Period : FROM 11/09/2024 TO 16/09/2024

*Report was revised and shall supersede Report # 010224090040, dated 16 September 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	- 0
ILCS 410 ILCS 45 LEAD POISONING PREVENTION ACT SEC. 6(B) CHILDREN'S PRODUCTS (ILLINOIS)	PASS	1 T
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



DATED: 20 DECEMBER 2024

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	485

Remark:

- The sample is tested "3Y+" as per client requested.
 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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PREPARED BY:

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Laboratory Supervisor

APPROVED BY:

SUZEN CHONG

Senior Vice President



DATED: 20 DECEMBER 2024







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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: 7616 PLANSPACE GATHERING FLAT WITH SUNROOM

ASTM F963-23 Soluble Heavy Metals 1
2 5082928 GREEN FELT 010224020001 4-Mar-24 3 5260170/ 5260172 CREAM PLASTIC 010223120090 4-Jan-24 4 WARM GRAY 2C SAWDUST 010223120141 16-Jan-24 5 WHITE SAWDUST 010223120139 16-Jan-24 6 BLUE SAWDUST 010223120139 16-Jan-24 7 LIGHT BLUE SAWDUST 010223120139 16-Jan-24 8 YELLOW COATING ON WOOD 010223120160 22-Jan-24 9 GREEN COATING ON WOOD 010224030217 5-Apr-24 10 WHITE COATING ON WOOD 010223120161 22-Jan-24 11 LIGHT GRAY COATING ON WOOD 010223120161 22-Jan-24 12 BROWN COATING ON WOOD 010223120130 22-Jan-24 13 ORANGE COATING ON WOOD 010224050067 5-Jun-24 14 YELLOW COATING ON WOOD 010224040095 7-May-24 14 LIGHT GRAY COATING ON WOOD 010224040095 7-May-24 14 LIGHT GRAY COATING ON WOOD 010224040095 7-May-24 14 LIGHT GRAY COATING ON WOOD 010223120161 22-Jan-24
3 5260170/ 5260172 CREAM PLASTIC 010223120090 4-Jan-24 4 WARM GRAY 2C SAWDUST 010223120141 16-Jan-24 5 WHITE SAWDUST 010223120149 16-Jan-24 6 BLUE SAWDUST 010223120136 11-Jan-24 7 LIGHT BLUE SAWDUST 010223120139 16-Jan-24 8 YELLOW COATING ON WOOD 010223120160 22-Jan-24 9 GREEN COATING ON WOOD 010224030217 5-Apr-24 10 WHITE COATING ON WOOD 010224040095 7-May-24 11 LIGHT GRAY COATING ON WOOD 010223120161 22-Jan-24 12 BROWN COATING ON WOOD 010223120161 22-Jan-24 13 ORANGE COATING ON WOOD 010223120162 22-Jan-24 14 YELLOW COATING ON WOOD 010223120163 22-Jan-24 15 ORANGE COATING ON WOOD 010223120160 22-Jan-24 16 WHITE COATING ON WOOD 010224050067 5-Jun-24 17 YELLOW COATING ON WOOD 010224050067 5-Jun-24 18 WHITE COATING ON WOOD 010224040095 7-May-24 19 GREEN COATING ON WOOD 010224040095 7-May-24 20 GREEN COATING ON WOOD 010224040095 7-May-24 21 GREEN COATING ON WOOD 010223120161 22-Jan-24 22 GREEN COATING ON WOOD 010223120161 22-Jan-24 23 WHITE COATING ON WOOD 010223120161 22-Jan-24 24 LIGHT GRAY COATING ON WOOD 010223120130 22-Jan-24 25 BROWN COATING ON WOOD 010223120130 22-Jan-24 26 ORANGE COATING ON WOOD 010223120130 22-Jan-24 27 SOR3242 STEEL 010223120164 4-Jan-24 28 SOR3242 STEEL 010223120155 11-Jan-24 38 5082928 GREEN FELT 010224020001 4-Mar-24
4 WARM GRAY 2C SAWDUST 010223120141 16-Jan-24 5 WHITE SAWDUST 010223120149 16-Jan-24 6 BLUE SAWDUST 010223120136 11-Jan-24 7 LIGHT BLUE SAWDUST 010223120139 16-Jan-24 8 YELLOW COATING ON WOOD 010223120160 22-Jan-24 9 GREEN COATING ON WOOD 010224030217 5-Apr-24 10 WHITE COATING ON WOOD 010224040095 7-May-24 11 LIGHT GRAY COATING ON WOOD 010223120161 22-Jan-24 12 BROWN COATING ON WOOD 010223120130 22-Jan-24 13 ORANGE COATING ON WOOD 010223120160 22-Jan-24 2 GREEN COATING ON WOOD 010223120160 22-Jan-24 2 GREEN COATING ON WOOD 010224030217 5-Apr-24 3 WHITE COATING ON WOOD 010224040095 7-May-24 4 LIGHT GRAY COATING ON WOOD 010223120160 22-Jan-24 5 BROWN COATING ON WOOD 010223120161 22-Jan-24 6 ORANGE COATING ON WOOD 010223120130 22-Jan-24 6
5 WHITE SAWDUST 010223120149 16-Jan-24 6 BLUE SAWDUST 010223120136 11-Jan-24 7 LIGHT BLUE SAWDUST 010223120139 16-Jan-24 8 YELLOW COATING ON WOOD 010223120160 22-Jan-24 9 GREEN COATING ON WOOD 010224030217 5-Apr-24 10 WHITE COATING ON WOOD 010224040095 7-May-24 11 LIGHT GRAY COATING ON WOOD 010223120161 22-Jan-24 12 BROWN COATING ON WOOD 010223120130 22-Jan-24 13 ORANGE COATING ON WOOD 010223120160 22-Jan-24 2 GREEN COATING ON WOOD 010223120160 22-Jan-24 3 WHITE COATING ON WOOD 010224030217 5-Apr-24 4 LIGHT GRAY COATING ON WOOD 010224040095 7-May-24 4 LIGHT GRAY COATING ON WOOD 010223120161 22-Jan-24 5 BROWN COATING ON WOOD 010223120161 22-Jan-24 6 ORANGE COATING ON WOOD 010223120130 22-Jan-24 6
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2 GREEN COATING ON WOOD 010224030217 5-Apr-24 3 WHITE COATING ON WOOD 010224040095 7-May-24 4 LIGHT GRAY COATING ON WOOD 010223120161 22-Jan-24 5 BROWN COATING ON WOOD 010223120130 22-Jan-24 6 ORANGE COATING ON WOOD 010224050067 5-Jun-24 Lead in Substrate 1 5033242 STEEL 010223120064 4-Jan-24 2 5080098 WHITE-CREAM FELT 010223120155 11-Jan-24 3 5082928 GREEN FELT 010224020001 4-Mar-24
3 WHITE COATING ON WOOD 010224040095 7-May-24 4 LIGHT GRAY COATING ON WOOD 010223120161 22-Jan-24 5 BROWN COATING ON WOOD 010223120130 22-Jan-24 6 ORANGE COATING ON WOOD 010224050067 5-Jun-24 Lead in Substrate 1 5033242 STEEL 010223120064 4-Jan-24 2 5080098 WHITE-CREAM FELT 010223120155 11-Jan-24 3 5082928 GREEN FELT 010224020001 4-Mar-24
4 LIGHT GRAY COATING ON WOOD 010223120161 22-Jan-24 5 BROWN COATING ON WOOD 010223120130 22-Jan-24 6 ORANGE COATING ON WOOD 010224050067 5-Jun-24 Lead in Substrate 1 5033242 STEEL 010223120064 4-Jan-24 2 5080098 WHITE-CREAM FELT 010223120155 11-Jan-24 3 5082928 GREEN FELT 010224020001 4-Mar-24
5 BROWN COATING ON WOOD 010223120130 22-Jan-24 6 ORANGE COATING ON WOOD 010224050067 5-Jun-24 Lead in Substrate 1 5033242 STEEL 010223120064 4-Jan-24 2 5080098 WHITE-CREAM FELT 010223120155 11-Jan-24 3 5082928 GREEN FELT 010224020001 4-Mar-24
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3 5082928 GREEN FELT 010224020001 4-Mar-24
4 5260170/ 5260172 CREAM PLASTIC 010223120090 4-Jan-24
5 WARM GRAY 2C SAWDUST 010223120141 16-Jan-24
6 WHITE SAWDUST 010223120149 16-Jan-24
7 BLUE SAWDUST 010223120136 11-Jan-24
8 LIGHT BLUE SAWDUST 010223120139 16-Jan-24
Phthalate Content
1 5260170/ 5260172 CREAM PLASTIC 010223120090 4-Jan-24
2 WARM GRAY 2C SAWDUST 010223120141 16-Jan-24
3 WHITE SAWDUST 010223120149 16-Jan-24
4 BLUE SAWDUST 010223120136 11-Jan-24
5 LIGHT BLUE SAWDUST 010223120139 16-Jan-24
6 YELLOW COATING ON WOOD 010223120160 22-Jan-24
7 GREEN COATING ON WOOD 010224030217 5-Apr-24
8 WHITE COATING ON WOOD 010224040095 7-May-24
9 LIGHT GRAY COATING ON WOOD 010223120161 22-Jan-24
10 BROWN COATING ON WOOD 010223120130 22-Jan-24
11 ORANGE COATING ON WOOD 010224050067 5-Jun-24



DATED: 20 DECEMBER 2024

TEST RESULT(S):

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

Test Method: Reference to ASTM F963-23.

Clause	Requirement	Result
4.1	Material quality	M
4.2	Flammability	See Results Annex A5
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 NA
4.6	Small Objects	NA 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 NA
4.27	Stuffed and Beanbag-Type Toys	NA
4.28	Stroller and Carriage Toys	NA 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	NA
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



DATED: 20 DECEMBER 2024

TEST RESULT(S): (Continued)

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	7616 Planspace Gathering Flat with Sunroof

Test Item(s)	Length of Major Axis (in)	Burn Length (in)	Burn Time (s)	Regulatory Limit (in/s)	Burn Rate (in/s)	Result
1	16.3	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	5033242 STEEL					
2	5080098 WHITE-CREAM FELT					
3	5082928 GREEN FELT					
4	5260170/ 5260172 CREAM PLASTIC					
5	WARM GRAY 2C SAWDUST					
6	WHITE SAWDUST					
7	BLUE SAWDUST					
8	LIGHT BLUE SAWDUST					

Toot Itom(s)	Unit	Permissible	Result				
Test Item(s)	Offic	Limit	1	4			
Lead (Pb)	mg/kg	100	ND	ND	ND	ND	
Conclusion	-	-10	PASS	PASS	PASS	PASS	

Took Home(a)	l lmi4	Permissible	O LIBRAY	Re	sult	A L
Test Item(s)	Unit	Limit	5 6 7			
Lead (Pb)	mg/kg	100	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS

Note:

- mg/kg = milligrams per kilogram

- Reporting limit (Each): 2 mg/kg

ND = Not Detected



DATED: 20 DECEMBER 2024

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	YELLOW COATING ON WOOD
2	GREEN COATING ON WOOD
3	WHITE COATING ON WOOD
4	LIGHT GRAY COATING ON WOOD
5	BROWN COATING ON WOOD
6	ORANGE COATING ON WOOD

T = =4 4 = == (=)	Permissible Result					1200		
Test Item(s)	Unit	Limit	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

- Reporting limit (Each): 2 mg/kg

- ND = Not Detected



DATED: 20 DECEMBER 2024

TEST RESULT(S): (Continued)

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	5033242 STEEL						
2	5080098 WHITE-CREAM FELT						
3	5082928 GREEN FELT						
4	5260170/ 5260172 CREAM PLASTIC						
5	WARM GRAY 2C SAWDUST						
6	WHITE SAWDUST						
7	BLUE SAWDUST						
8	LIGHT BLUE SAWDUST						

Test Item(s)	Unit	Permissible	Result					
	Unit	Limit	1	2	3	4		
Lead (Pb) in substrate	mg/kg	100*	ND	ND	ND	ND		
Conclusion	- 1	7 1932	PASS	PASS	PASS	PASS		

Test Item(s)	l lmit	Permissible	Result					
	Unit	Limit	5	6	7	8		
Lead (Pb) in substrate	mg/kg	100*	ND	ND	ND	ND		
Conclusion	0	-	PASS	PASS	PASS	PASS		

Test Item(s)	Item / Compone	ent Description(s)
1	YELLOW COATING ON WOOD	
2	GREEN COATING ON WOOD	
3	WHITE COATING ON WOOD	
4	LIGHT GRAY COATING ON WOOD	
5	BROWN COATING ON WOOD	/300 - NY - /-
6	ORANGE COATING ON WOOD	(4)

Test Item(s)	Unit	Permissible		Pro-	Res	sult		V Dr
	Unit	Limit	1/2	2	3	4	5	6
Lead (Pb) in coating	mg/kg	90*	ND	ND	ND	ND	ND	ND
Conclusion	-	D I I	PASS	PASS	PASS	PASS	PASS	PASS

Note:

- mg/kg = milligrams per kilogram
- Reporting limit (Each): 2 mg/kg

- ND = Not Detected
- Result over 40 mg/kg 90 mg/kg in coating and 40 mg/kg 100 mg/kg in substrate, warning label must be added



DATED: 20 DECEMBER 2024

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	5080098 WHITE-CREAM FELT					
2	5082928 GREEN FELT					
3	5260170/ 5260172 CREAM PLASTIC					
4	WARM GRAY 2C SAWDUST					
5	WHITE SAWDUST					
6	BLUE SAWDUST					
7	LIGHT BLUE SAWDUST					

Soluble Element(s)	As	Ва	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

- 10	Unit	Carlotte Live	Result	/\ /\ N
Test Item(s)	13 <u>-</u> 13/23/24	1 1	2	3
Parameter	-0.00			- · · · / AB
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	32.8	ND
Selenium (Se)	mg/kg	ND	ND	ND
Conclusion	- 18	PASS	PASS	PASS

- Z	Unit	a	· · · · · / ·					
Test Item(s)	a A.Jr	4	5	6	7			
Parameter	Pal - N	VI 10 - 10	- 17	-	1			
Arsenic (As)	mg/kg	ND	ND	ND	ND			
Barium (Ba)	mg/kg	ND	ND	ND	ND			
Cadmium (Cd)	mg/kg	ND	ND	ND	ND			
Chromium (Cr)	mg/kg	ND	ND	ND	ND			
Mercury (Hg)	mg/kg	ND	ND	ND	ND			
Lead (Pb)	mg/kg	ND	ND	ND	ND			
Antimony (Sb)	mg/kg	ND	ND	ND	ND			
Selenium (Se)	mg/kg	ND	ND	ND	ND 🧀			
Conclusion	S 310 4	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.



DATED: 20 DECEMBER 2024

TEST RESULT(S): (Continued)

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

Test Method: Reference to ASTM F963-23, Sections 8.3.2 to 8.3.4.

Test Item(s)	Item / Component Description(s)
1	YELLOW COATING ON WOOD
2	GREEN COATING ON WOOD
3	WHITE COATING ON WOOD
4	LIGHT GRAY COATING ON WOOD
5	BROWN COATING ON WOOD
6	ORANGE COATING ON WOOD

Soluble Element(s)	As	Ва	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		M - 1000	Re	sult	- /\	247
Test Item(s)	- 100 <u>-</u> 100 -	1	2	3	4	5	6
Parameter		15.32			100	· · ·	./ - <
Arsenic (As)	mg/kg	ND	ND	ND	ND	ND	ND
Barium (Ba)	mg/kg	ND	ND	ND	13.9	3.1	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

- 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.



DATED: 20 DECEMBER 2024

TEST RESULT(S): (Continued)

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	5260170/ 5260172 CREAM PLASTIC
2	WARM GRAY 2C SAWDUST
3	WHITE SAWDUST
4	BLUE SAWDUST
5	LIGHT BLUE SAWDUST
6	YELLOW COATING ON WOOD
7	GREEN COATING ON WOOD
8	WHITE COATING ON WOOD
9	LIGHT GRAY COATING ON WOOD
10	BROWN COATING ON WOOD
11	ORANGE COATING ON WOOD

-	Abbrev.	Unit	Permissible Limit	Result					
Test Item(s)	-	457450		1	2	3	4	5	
Di-iso-butyl phthalate	DIBP	%	0.1	ND	ND	ND	ND	ND	
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND	ND	
Di-n-pentyl phthalate	DPENP	%	0.1	ND	ND	ND	ND	ND	
Di-n-hexyl phthalate	DHEXP	%	0.1	ND	ND	ND	ND	ND	
Di-cyclohexyl phthalate	DCHP	%	0.1	ND	ND	ND	ND	ND	
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND	ND	
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND	ND	
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND	ND	
Di-n-octyl phthalate	DNOP	%	0.1	ND	ND	ND	ND	ND	
Di-iso-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND	ND	
Conclusion	-	- 10	-	PASS	PASS	PASS	PASS	PASS	

- 4	Abbrev.	Unit	Permissible Limit	Result					
Test Item(s)	15.00	-4		6	7	8	9	10	11
Di-iso-butyl phthalate	DIBP	%	0.1	ND	ND	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND	ND	ND
Di-n-pentyl phthalate	DPENP	%	0.1	ND	ND	ND	ND	ND	ND
Di-n-hexyl phthalate	DHEXP	%	0.1	ND	ND	ND	ND	ND	ND
Di-cyclohexyl phthalate	DCHP	%	0.1	ND	ND	ND	ND	ND	ND
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND	ND	ND
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	DNOP	%	0.1	ND	ND	ND	ND	ND	ND
Di-iso-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND	ND	ND
Conclusion	-	4	-	PASS	PASS	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.



DATED: 20 DECEMBER 2024

TEST RESULT(S): (Continued)

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	5260170/ 5260172 CREAM PLASTIC
2	WARM GRAY 2C SAWDUST
3	WHITE SAWDUST
4	BLUE SAWDUST
5	LIGHT BLUE SAWDUST
6	YELLOW COATING ON WOOD
7	GREEN COATING ON WOOD
8	WHITE COATING ON WOOD
9	LIGHT GRAY COATING ON WOOD
10	BROWN COATING ON WOOD
11	ORANGE COATING ON WOOD

- 9	Abbrev.	. Unit	Permissible Limit	Result				
Test Item(s)	-		-X V	1	2	3	4	5
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND	ND
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND	ND
Di-iso-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND	ND
Di-n-hexyl phthalate	DHEXP / DnHP	%	0.1	ND	ND	ND	ND	ND
Conclusion		_	-	PASS	PASS	PASS	PASS	PASS

-	Abbrev.	Unit	Permissible Limit	ole Result					
Test Item(s)	Q- 1	LA-M.	-	6	6 7	8	9	10	11
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND	ND	ND
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND	ND	ND
Di-iso-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND	ND	ND
Di-n-hexyl phthalate	DHEXP / DnHP	%	0.1	ND	ND	ND	ND	ND	ND
Conclusion		- 0	1 11	PASS	PASS	PASS	PASS	PASS	PASS

Note

- Reporting limit (Each): 0.01 %

ND = Not Detected



DATED: 20 DECEMBER 2024

TEST RESULT(S): (Continued)

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.