



TEST REPORT

Report No. 010225040129

DATED: 24 JUNE 2025

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

Buyer : /

Sample Description : THREADING BEADS

Item No. : 5921

SKU No. : /

Model / Style : /

Client Specified Age Grade : 3Y+

Manufacturer : /

Country of Origin : THAILAND

Country of Destination : /

Test Sample Received : RECEIVED 16/06/2025

Test Period : FROM 16/06/2025 TO 24/06/2025

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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SAMPLE PHOTO



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Qualifications may vary from country
Les qualifications peuvent varier de la
"Education Skills Monitor" est un produit
04092



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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: **5921 THREADING BEADS**

<u>Components</u>	<u>Report Number</u>	<u>Date of Issue</u>
<u>ASTM F963-23 Soluble Heavy Metals</u>		
1 5280062 BLACK CORD	010225040150	8-May-25
2 5282292 WHITE CORD	010225020152	5-Mar-25
3 LIGHT GREEN COATING ON WOOD	010225020008	20-Feb-25
4 YELLOW COATING ON WOOD	010225020253	18-Mar-25
5 CLEAR COATING ON WOOD	010224060179	16-Jul-24
6 RED COATING ON WOOD	010225020009	20-Feb-25
7 BLUE COATING ON WOOD	010225020254	18-Mar-25
8 LIGHT BLUE COATING ON WOOD	010225020226	11-Mar-25
9 MULTICOLOR ON WOOD (UV INK CY-CYAN, MG-MAGENTA, YL-YELLOW, BK-BLACK, W-WHITE, V-VARNISH)	010225040137	27-May-25
<u>Lead in Surface Coating</u>		
1 LIGHT GREEN COATING ON WOOD	010225020008	20-Feb-25
2 YELLOW COATING ON WOOD	010225020253	18-Mar-25
3 CLEAR COATING ON WOOD	010224060179	16-Jul-24
4 RED COATING ON WOOD	010225020009	20-Feb-25
5 BLUE COATING ON WOOD	010225020254	18-Mar-25
6 LIGHT BLUE COATING ON WOOD	010225020226	11-Mar-25
7 MULTICOLOR ON WOOD (UV INK CY-CYAN, MG-MAGENTA, YL-YELLOW, BK-BLACK, W-WHITE, V-VARNISH)	010225040137	27-May-25
<u>Lead in Substrate</u>		
1 5280062 BLACK CORD	010225040150	8-May-25
2 5282292 WHITE CORD	010225020152	5-Mar-25
<u>Phthalate Content</u>		
1 LIGHT GREEN COATING ON WOOD	010225020008	20-Feb-25
2 YELLOW COATING ON WOOD	010225020253	18-Mar-25
3 CLEAR COATING ON WOOD	010224060179	16-Jul-24
4 RED COATING ON WOOD	010225020009	20-Feb-25
5 BLUE COATING ON WOOD	010225020254	18-Mar-25
6 LIGHT BLUE COATING ON WOOD	010225020226	11-Mar-25
7 MULTICOLOR ON WOOD (UV INK CY-CYAN, MG-MAGENTA, YL-YELLOW, BK-BLACK, W-WHITE, V-VARNISH)	010225040137	27-May-25



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DATED: 24 JUNE 2025

TEST RESULT(S):

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

Test Method : Reference to ASTM F963-23.

Test Item(s)	Item / Component Description(s)
1	5921 THREADING BEADS

Clause	Requirement	Result
4.1	Material quality	M
4.2	Flammability	M See Results Annex A5
4.3	Toxicology	M 4.3.5.1 (1) & (2); 4.3.5.2 (2) a & b; 4.3.8
4.3.1	Hazardous Substance	NA
4.3.2	Manufacturing and Packaging of Food	NA
4.3.3	Indirect Food Additives	NA
4.3.4	Cosmetics	NA
4.3.5	Heavy Elements	M
4.3.6	Cosmetics, Liquids, Pastes, Putties, Gels, Powders and Items of Avian Feather Origin	NA
4.3.7	Stuffing Materials	NA
4.3.8	Phthalates	M
4.4	Electrical/Thermal Energy	NA
4.5	Sound-Producing Toys	NA
4.5.1.1	Close-to-the ear Toys	NA
4.5.1.2	Hand-held Toys	NA
4.5.1.3	Rattles	NA
4.5.1.4	Stationary or Self-propelled Tabletop, Floor, or Crib Toys	NA
4.5.1.5	User-propelled Tabletop, Floor or Crib Toys	NA
4.5.1.6	Push or Pull Toys	NA
4.5.1.7	Toys Using Explosive Action	NA
4.6	Small Objects	M
4.6.1	Toys that are intended for children under 36 months of age	NA
4.6.2	Mouth-actuated Toys	NA
4.6.3	Small part warning label (at least 3 years but less than 6 years)	M
4.7	Accessible Edges	M
4.7.1	Potentially hazardous sharp metal and glass edges (under 8 years) this requirement before or after use and abuse testing, or both	NA
4.7.2	Toys containing potentially hazardous edges that are a necessary part of the function of a toy shall carry cautionary labelling (for use by children from 48 months to 96 months)	NA
4.7.3	Metal Toys	NA
4.7.4	Molded Toys	NA
4.7.5	Exposed Bolts or Threaded Rods	NA
4.8	Projections	NA
4.8.1	Bath Toy Projections	NA
4.9	Accessible Points	M
4.9.1	Potentially hazardous sharp points (under 8 years) this requirement before or after use and abuse testing, or both	M
4.9.2	Toys in which an accessible, potentially hazardous sharp point is a necessary function of the toy, such as a needle in a sewing kit, shall carry cautionary labelling (for use by children from 48 months to 96 months)	NA



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TEST RESULT(S): (Continued)

Clause	Requirement	Result
4.9.3	Wood	M
4.10	Wires or Rods	NA
4.11	Nails and Fasteners	NA
4.12	Plastic Film	NA
4.13	Folding Mechanisms and Hinges	NA
4.13.1	Folding Mechanisms	NA
4.13.2	Hinge-line Clearance	NA
4.14	Cords, Straps, and Elastics	NA
4.14.1	Cord, Straps and Elastics in Toys	NA
4.14.2	Self-retracting Pull Cords	NA
4.14.3	Pull Toys	NA
4.14.4	Strings and Lines for Flying Devices	NA
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	NA
4.14.6	Ride-on Toys	NA
4.15	Stability and Over-Load Requirements	NA
4.15.1	Stability of Ride-on Toys and Toy Seats	NA
4.15.2	Sideways Stability Requirements	NA
4.15.3	Fore and Aft Stability	NA
4.15.4	Stability of Stationary Floor Toys	NA
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	NA
4.15.6	Wheeled Ride-on Toys	NA
4.16	Confined Spaces	NA
4.16.1	Ventilation	NA
4.16.2	Closures	NA
4.16.3	Toys that Enclose the Head	NA
4.17	Wheels, Tires, and Axles	NA
4.18	Holes, Clearance, and Accessibility of Mechanisms	NA
4.18.1	Accessible Clearances for Moveable Segments	NA
4.18.2	Circular Holes in Rigid Materials	NA
4.18.3	Chains and Belts	NA
4.18.4	Inaccessibility of Mechanisms	NA
4.18.5	Winding Keys	NA
4.18.6	Coil Springs	NA
4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.21.1	All Projectiles	NA
4.21.2	Projectile Toys with Stored Energy	NA
4.21.3	Projectile Toys without Stored Energy	NA
4.21.4	Rotors	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
4.26.1	Protrusions	NA
4.26.2	Crib Mobiles	NA
4.26.3	Crib Gyms	NA



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TEST RESULT(S): (Continued)

Clause	Requirement	Result
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
4.32.1	Nearly spherical, hemispherical, circular flared or dome-shape ends of toys or components of toys	NA
4.32.2	Nearly spherical, hemispherical or dome-shaped ends of toy fasteners	NA
4.32.3	Preschool Play Figures	NA
4.33	Marbles	NA
4.34	Balls	NA
4.34.1	Small Ball	NA
4.34.2	Small Ball Labeling	NA
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.38.1	As received loose hazardous magnet and magnetic component	NA
4.38.2	Hazardous magnet or a hazardous magnetic component after being tested in accordance with the Magnet Test Methods specified in 8.25	NA
4.38.3	Magnetic/electrical experimental sets intended for children eight years of age and over	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	Labeling Requirements	M
5.1	Federal Government Requirements	M
5.2	Age Grading Labeling	M
5.3	Safety Labeling Requirements	M
5.4	Aquatic Toys	NA
5.5	Crib and Playpen Toys	NA
5.6	Mobiles	NA
5.7	Stroller and Carriage Toys	NA
5.8	Toys Intended to be Assembled By an Adult	NA
5.9	Simulated Protective Devices	NA
5.10	Toys with Functional Sharp Edges or Points	NA
5.11	Small Objects, Small Balls, Marbles and Balloons	M
5.12	Art Material	NA
5.13	Electric Toys	NA
5.14	Battery-operated Toys	NA
5.15	Promotional Materials	NA
5.16	Magnets	NA
6	Instructional Literature	M
6.1	Definition and Description	M
6.2	Crib and Playpen Toys	NA
6.3	Mobiles	NA
6.4	Toys Intended to be Assembled by an Adult	NA
6.5	Battery-Operated Toys	NA
6.6	Battery-powered Ride-on Toys	NA
6.7	Toys in Contact with Food	NA
6.8	Toy Chests	NA
6.9	The instructional material for toys	NA



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TEST RESULT(S): (Continued)

Clause	Requirement	Result
7	Producer's Markings	M
7.1	Either a principal component of a toy or the package of a toy shall be marked with the name and address of the producer or the distributor	M
7.2	Battery-powered Ride-on Toys	NA
7.3	Toy Chests	NA

Note:

M = Meet

NM = Not Meet

NA = Not Applicable

R = Refer to Comment Section

NR = Not Requested

NT = Not Tested

Flammability For Solid/ Soft Toy

Test Method : Reference to ASTM F963-23 Annex A5

Test Item(s)	Item / Component Description(s)
1	5921 THREADING BEADS

Test Item(s)	Length of Major Axis (in)	Burn Length (in)	Burn Time (s)	Regulatory Limit (in/s)	Burn Rate (in/s)	Result
1	6.3	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

IBE = Ignite but self-extinguished

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	5280062 BLACK CORD
2	5282292 WHITE CORD

Test Item(s)	Unit	Permissible Limit	Result	
			1	2
Lead (Pb)	mg/kg	100	ND	ND
Conclusion	-	-	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	LIGHT GREEN COATING ON WOOD
2	YELLOW COATING ON WOOD
3	CLEAR COATING ON WOOD
4	RED COATING ON WOOD
5	BLUE COATING ON WOOD
6	LIGHT BLUE COATING ON WOOD
7	UV INK (CY-CYAN)
8	UV INK (MG-MAGENTA)
9	UV INK (YL-YELLOW)
10	UV INK (BK-BLACK)
11	UV INK (V-VARNISH)
12	UV INK (W-WHITE)

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

Test Item(s)	Unit	Permissible Limit	Result					
			7	8	9	10	11	12
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	5280062 BLACK CORD
2	5282292 WHITE CORD

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



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TEST RESULT(S): (Continued)

Test Item(s)	Item / Component Description(s)
1	LIGHT GREEN COATING ON WOOD
2	YELLOW COATING ON WOOD
3	CLEAR COATING ON WOOD
4	RED COATING ON WOOD
5	BLUE COATING ON WOOD
6	LIGHT BLUE COATING ON WOOD
7	UV INK (CY-CYAN)
8	UV INK (MG-MAGENTA)
9	UV INK (YL-YELLOW)
10	UV INK (BK-BLACK)
11	UV INK (V-VARNISH)
12	UV INK (W-WHITE)

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

Test Item(s)	Unit	Permissible Limit	Result					
			7	8	9	10	11	12
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
- 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



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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	5280062 BLACK CORD
2	5282292 WHITE CORD

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
Parameter	-	-	-
Arsenic (As)	mg/kg	ND	ND
Barium (Ba)	mg/kg	ND	ND
Cadmium (Cd)	mg/kg	ND	ND
Chromium (Cr)	mg/kg	ND	ND
Mercury (Hg)	mg/kg	ND	ND
Lead (Pb)	mg/kg	ND	ND
Antimony (Sb)	mg/kg	ND	3.99
Selenium (Se)	mg/kg	ND	ND
Conclusion	-	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.



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TEST RESULT(S): (Continued)

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

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

Test Item(s)	Item / Component Description(s)
1	LIGHT GREEN COATING ON WOOD
2	YELLOW COATING ON WOOD
3	CLEAR COATING ON WOOD
4	RED COATING ON WOOD
5	BLUE COATING ON WOOD
6	LIGHT BLUE COATING ON WOOD
7	UV INK (CY-CYAN)
8	UV INK (MG-MAGENTA)
9	UV INK (YL-YELLOW)
10	UV INK (BK-BLACK)
11	UV INK (V-VARNISH)
12	UV INK (W-WHITE)

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	4	5	6
Parameter	-	-	-	-	-	-	-
Arsenic (As)	mg/kg	ND	ND	ND	ND	ND	2.16
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

-	Unit	Result					
Test Item(s)	-	7	8	9	10	11	12
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.



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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	LIGHT GREEN COATING ON WOOD
2	YELLOW COATING ON WOOD
3	CLEAR COATING ON WOOD
4	RED COATING ON WOOD
5	BLUE COATING ON WOOD
6	LIGHT BLUE COATING ON WOOD
7	UV INK (CY-CYAN)
8	UV INK (MG-MAGENTA)
9	UV INK (YL-YELLOW)
10	UV INK (BK-BLACK)
11	UV INK (V-VARNISH)
12	UV INK (W-WHITE)

-	Abbrev.	Unit	Permissible Limit	Result					
Test Item(s)	-	-	-	1	2	3	4	5	6
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	-	-	-	PASS	PASS	PASS	PASS	PASS	PASS

-	Abbrev.	Unit	Permissible Limit	Result					
Test Item(s)	-	-	-	7	8	9	10	11	12
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	-	-	-	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.



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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	LIGHT GREEN COATING ON WOOD
2	YELLOW COATING ON WOOD
3	CLEAR COATING ON WOOD
4	RED COATING ON WOOD
5	BLUE COATING ON WOOD
6	LIGHT BLUE COATING ON WOOD
7	UV INK (CY-CYAN)
8	UV INK (MG-MAGENTA)
9	UV INK (YL-YELLOW)
10	UV INK (BK-BLACK)
11	UV INK (V-VARNISH)
12	UV INK (W-WHITE)

-	Abbrev.	Unit	Permissible Limit	Result					
Test Item(s)	-	-	-	1	2	3	4	5	6
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-iso-butyl phthalate	DIBP	%	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	-	-	-	PASS	PASS	PASS	PASS	PASS	PASS

-	Abbrev.	Unit	Permissible Limit	Result					
Test Item(s)	-	-	-	7	8	9	10	11	12
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-iso-butyl phthalate	DIBP	%	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	-	-	-	PASS	PASS	PASS	PASS	PASS	PASS

Note:

- Reporting limit (Each): 0.01 %

- ND = Not Detected



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TEST RESULT(S): (Continued)

ANNEX					
Compound	Abbrev.	CAS no.	Compound	Abbrev.	CAS no.
Di-butyl phthalate	DBP	84-74-2	Di-n-hexyl phthalate	DHEXP / DnHP	84-75-3
Di-iso-butyl phthalate	DIBP	84-69-5	Di-iso-nonyl phthalate	DINP	28553-12-0
Benzyl butyl phthalate	BBP	85-68-7	Di-iso-decyl phthalate	DIDP	26761-40-0
Di-(2-ethylhexyl) phthalate	DEHP	117-81-7			

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.