



TEST REPORT

Report No. 010221110146

Dated JAN 05, 2022

Client : PLAN CREATIONS CO., LTD.
8 MOO 8, TRANG-PALIAN RD.,
YANTAKAO, TRANG 92140
ATTN: MS RATCHADA KONGTHON

Buyer : /

Test Sample Received : RECEIVED ON 23/12/2021

Test Period : FROM 23/12/2021 TO 04/01/2022

Sample Description : DELIVERY BIKE - ORCHARD

Product Code : 3400

Age Grade : 18M – 5Y

Manufacturer : /

Country of Destination : /

Country of Origin : THAILAND

TEST REQUESTED	CONCLUSION	REMARK
ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (MECHANICAL AND PHYSICAL PROPERTIES)	PASS	-
CPSC 2020 AGE DETERMINATION GUIDELINES	DATA	-
ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (FLAMMABILITY)	PASS	-
CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 101 CHILDREN'S PRODUCTS CONTAINING LEAD	PASS	-
CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 101 CHILDREN'S PRODUCTS CONTAINING LEAD; LEAD PAINT RULE	PASS	-
ILCS 410 ILCS 45 LEAD POISONING PREVENTION ACT SEC. 6(B) CHILDREN'S PRODUCTS (ILLINOIS)	PASS	-
ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (SOLUBLE HEAVY METAL CONTENT)	PASS	-
CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 108 PROHIBITION OF SALE OF CERTAIN PRODUCTS CONTAINING SPECIFIED PHTHALATES	PASS	-
CALIFORNIA PROPOSITION 65 – PHTHALATE CONTENT	PASS	-



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For technical enquiries or any other concerns, please contact:

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PREPARED BY:

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EDMUND YAP

LABORATORY MANAGER

APPROVED BY:

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SUZEN CHONG

SENIOR VICE PRESIDENT



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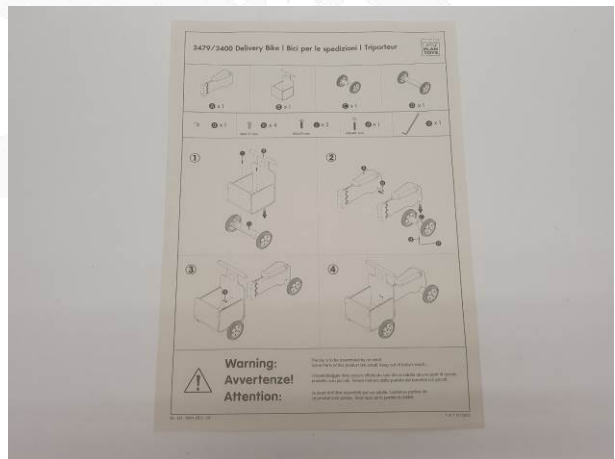
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SAMPLE PHOTO





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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 24 months prior to this report.

Item Description: 3400 Delivery Bike - Orchard

<u>Components</u>	<u>Report Number</u>	<u>Date of Issue</u>
<u>ASTM F963-17 Soluble Heavy Metals</u>		
ORANGE COATING ON WOOD	010221080049	20 Aug 2021
LIGHT GRAY COATING ON WOOD	010221060151	01 Jul 2021
CREAM RUBBER	010121020052	24 Feb 2021
DARK BROWN COATING ON WOOD	010221070114	16 Jul 2021
BLACK RUBBER	010121020053	24 Feb 2021
DARK BLUE SAWDUST	010221120051	21 Dec 2021
LIGHT BLUE SAWDUST	010221120051	21 Dec 2021
DARK YELLOW COATING ON WOOD	010221120066	23 Dec 2021
<u>Lead in Surface Coating</u>		
ORANGE COATING ON WOOD	010221080049	20 Aug 2021
LIGHT GRAY COATING ON WOOD	010221060151	01 Jul 2021
DARK BROWN COATING ON WOOD	010221070114	16 Jul 2021
DARK YELLOW COATING ON WOOD	010221120066	23 Dec 2021
<u>Lead in Substrate</u>		
5200259 SILVER METAL	010121020082	25 Feb 2021
CREAM RUBBER	010121020052	24 Feb 2021
5330015 SCREW	010121010050	19 Jan 2021
5330046 SCREW (BLACK-RED)	010121030146	30 Mar 2021
5330079 SCREW (BLACK-RED)	010121030146	30 Mar 2021
5330081 SCREW (BLACK-RED)	010121030146	30 Mar 2021
5330082 SCREW (BLACK-RED)	010121030146	30 Mar 2021
5330083 SCREW (BLACK-RED)	010221080045	20 Aug 2021
5332005 SCREW (BLACK-RED)	010221040009	06 May 2021
5332963 METAL PART (GOLD)	010221080046	20 Aug 2021
5333743 STEEL PART (THREAD ROD)	010221120028	16 Dec 2021
BLACK RUBBER	010121020053	24 Feb 2021
DARK BLUE SAWDUST	010221120051	21 Dec 2021
LIGHT BLUE SAWDUST	010221120051	21 Dec 2021
<u>Phthalate Content</u>		
ORANGE COATING ON WOOD	010221080049	20 Aug 2021
LIGHT GRAY COATING ON WOOD	010221060151	01 Jul 2021
CREAM RUBBER	010121020052	24 Feb 2021
DARK BROWN COATING ON WOOD	010221070114	16 Jul 2021
BLACK RUBBER	010121020053	24 Feb 2021
DARK BLUE SAWDUST	010221120051	21 Dec 2021
LIGHT BLUE SAWDUST	010221120051	21 Dec 2021
DARK YELLOW COATING ON WOOD	010221120066	23 Dec 2021



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TEST RESULT(S):

ASTM F963-17 – Standard Consumer Safety Specification for Toy Safety (Mechanical and Physical Properties)

Test Method : Reference to ASTM F963-17.

Test Item(s)	Item / Component Description(s)
1	3400 Delivery Bike - Orchard

Section	Requirement	Result
		1
4.1	Material quality	M
4.2	Flammability	See Results
4.3	Toxicology	See Results
4.4	Electrical/Thermal Energy	NA
4.5	Sound-Producing Toys	NA
4.6	Small Objects	M
4.7	Accessible Edges	M
4.8	Projections	M
4.9	Accessible Points	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
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	M
4.16	Confined Spaces	NA
4.17	Wheels, Tires, and Axles	M
4.18	Holes, Clearance, and Accessibility of Mechanisms	M
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	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	M
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	Labeling Requirements	M
6	Instructional Literature	M
7	Producer's Markings	M



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TEST RESULT(S): (Continued)

Note:

M = Meet

NM = Not Meet

NA = Not Applicable

R = Refer to Comment Section

NR = Not Requested

NT = Not Tested

NP = Not Present

CPSC 2020 Age Determination Guidelines

Test Method : Reference to CPSC 2020 Age Determination Guidelines.

Claimed Age Grade	Recommended Age Grade
18M – 5Y	18M – 5Y

ASTM F963-17 – Standard Consumer Safety Specification for Toy Safety (Flammability)

Test Method : Reference to ASTM F963-17 Annex A5 and A6.

Test Item(s)	Item / Component Description(s)
1	3400 Delivery Bike - Orchard

Test Item(s)	Length of Major Axis (in)	Burn Length (in)	Burn Time (s)	Req. (in/s)	Burn Rate (in/s)	Result
1	26.41	DNI	DNI	0.1	DNI	DNI
Conclusion	-	-	-	-	-	PASS

-	Requirement (s)	Result
Test Item(s)	-	1
Burn Time (s)	> 3.5	DNI
Conclusion	-	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 Children's Products Containing Lead

Test Method : Reference to CPSC-CH-E1002-08.3 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)
1	5200259 SILVER METAL
2	CREAM RUBBER
3	5330015 SCREW
4	5330046 SCREW (BLACK-RED)
5	5330079 SCREW (BLACK-RED)
6	5330081 SCREW (BLACK-RED)
7	5330082 SCREW (BLACK-RED)
8	5330083 SCREW (BLACK-RED)
9	5332005 SCREW (BLACK-RED)
10	5332963 METAL PART (GOLD)
11	5333743 STEEL PART (THREAD ROD)
12	BLACK RUBBER
13	DARK BLUE SAWDUST
14	LIGHT BLUE SAWDUST



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TEST RESULT(S): (Continued)

-	Unit	Req.	Result						
Test Item(s)	-	-	1	2	3	4	5	6	7
Lead	mg/kg	100	ND	ND	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS	PASS

-	Unit	Req.	Result						
Test Item(s)	-	-	8	9	10	11	12	13	14
Lead	mg/kg	100	ND	ND	35.9	ND	ND	ND	2.6
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Note:

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

Consumer Product Safety Improvement Act of 2008 Section 101 Children's Products Containing Lead; Lead Paint Rule

Test Method : Reference to CPSC-CH-E1003-09.1 Analysis by ICP-MS.

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

-	Unit	Req.	Result			
Test Item(s)	-	-	1	2	3	4
Lead	mg/kg	90	4.5	ND	ND	2.4
Conclusion	-	-	PASS	PASS	PASS	PASS

Note:

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

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

Test Method : Reference to CPSC-CH-E1002-08.3, CPSC-CH-E1003-09.1 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)
1	5200259 SILVER METAL
2	CREAM RUBBER
3	5330015 SCREW
4	5330046 SCREW (BLACK-RED)
5	5330079 SCREW (BLACK-RED)
6	5330081 SCREW (BLACK-RED)
7	5330082 SCREW (BLACK-RED)
8	5330083 SCREW (BLACK-RED)
9	5332005 SCREW (BLACK-RED)
10	5332963 METAL PART (GOLD)
11	5333743 STEEL PART (THREAD ROD)
12	BLACK RUBBER
13	DARK BLUE SAWDUST
14	LIGHT BLUE SAWDUST



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TEST RESULT(S): (Continued)

Test Item(s)	Item / Component Description(s)
15	ORANGE COATING ON WOOD
16	LIGHT GRAY COATING ON WOOD
17	DARK BROWN COATING ON WOOD
18	DARK YELLOW COATING ON WOOD

-	Unit	Req.	Result					
Test Item(s)	-	-	1	2	3	4	5	6
Total Lead (Pb)	mg/kg	40	ND	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

-	Unit	Req.	Result					
Test Item(s)	-	-	7	8	9	10	11	12
Total Lead (Pb)	mg/kg	40	ND	ND	ND	35.9	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

-	Unit	Req.	Result					
Test Item(s)	-	-	13	14	15	16	17	18
Total Lead (Pb)	mg/kg	40	ND	2.6	4.5	ND	ND	2.4
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

Note:

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

ASTM F963-17 – Standard Consumer Safety Specification for Toy Safety (Soluble Heavy Metal Content)

Test Method : Reference to ASTM F963-17 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)
1	ORANGE COATING ON WOOD
2	LIGHT GRAY COATING ON WOOD
3	CREAM RUBBER
4	DARK BROWN COATING ON WOOD
5	BLACK RUBBER
6	DARK BLUE SAWDUST
7	LIGHT BLUE SAWDUST
8	DARK YELLOW COATING ON WOOD

-	Unit	Req.	Result			
Test Item(s)	-	-	1	2	3	4
Antimony (Sb)	mg/kg	60	ND	ND	ND	ND
Arsenic (As)	mg/kg	25	ND	ND	ND	ND
Barium (Ba)	mg/kg	1000	ND	ND	ND	64
Cadmium (Cd)	mg/kg	75	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	60	ND	ND	ND	ND
Lead (Pb)	mg/kg	90	ND	ND	ND	ND
Mercury (Hg)	mg/kg	60	ND	ND	ND	ND
Selenium (Se)	mg/kg	500	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS



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TEST RESULT(S): (Continued)

-	Unit	Req.	Result			
Test Item(s)	-	-	5	6	7	8
Antimony (Sb)	mg/kg	60	ND	ND	ND	ND
Arsenic (As)	mg/kg	25	ND	ND	ND	ND
Barium (Ba)	mg/kg	1000	ND	ND	ND	4.0
Cadmium (Cd)	mg/kg	75	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	60	ND	ND	ND	ND
Lead (Pb)	mg/kg	90	ND	ND	ND	ND
Mercury (Hg)	mg/kg	60	ND	ND	ND	ND
Selenium (Se)	mg/kg	500	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS

Note:

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

Consumer Product Safety Improvement Act of 2008 Section 108 Prohibition of Sale of Certain Products Containing Specified Phthalates

Test Method : Reference to CPSC-CH-C1001-09.4 Analysis by GC-MS.

Test Item(s)	Item / Component Description(s)
1	ORANGE COATING ON WOOD
2	LIGHT GRAY COATING ON WOOD
3	CREAM RUBBER
4	DARK BROWN COATING ON WOOD
5	BLACK RUBBER
6	DARK BLUE SAWDUST
7	LIGHT BLUE SAWDUST
8	DARK YELLOW COATING ON WOOD

-	Abbrev.	Unit	Req.	Result			
Test Item(s)	-	-	-	1	2	3	4
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	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-iso-butyl phthalate	DIBP	%	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
Conclusion		-	-	PASS	PASS	PASS	PASS

-	Abbrev.	Unit	Req.	Result			
Test Item(s)	-	-	-	5	6	7	8
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	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-iso-butyl phthalate	DIBP	%	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
Conclusion		-	-	PASS	PASS	PASS	PASS



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TEST RESULT(S): (Continued)

Note:

- Reporting limit (Each): 0.01 %

- ND = Not Detected

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

CASRN: Chemical Abstracts Service Registry Number

California Proposition 65 – Phthalate Content

Test Method : Reference to CPSC-CH-C1001-09.4 Analysis by GC-MS.

Test Item(s)	Item / Component Description(s)
1	ORANGE COATING ON WOOD
2	LIGHT GRAY COATING ON WOOD
3	CREAM RUBBER
4	DARK BROWN COATING ON WOOD
5	BLACK RUBBER
6	DARK BLUE SAWDUST
7	LIGHT BLUE SAWDUST
8	DARK YELLOW COATING ON WOOD

Test Item(s)	Abbrev.	Unit	Req.	Result			
				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-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND
Di-n-hexyl phthalate	DNHP	%	0.1	ND	ND	ND	ND
Conclusion		-	-	PASS	PASS	PASS	PASS

Test Item(s)	Abbrev.	Unit	Req.	Result			
				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-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND
Di-n-hexyl phthalate	DNHP	%	0.1	ND	ND	ND	ND
Conclusion		-	-	PASS	PASS	PASS	PASS

Note:

- Reporting limit (Each): 0.01 %

- ND = Not Detected

ANNEX					
Compound	Abbrev.	CASRN	Compound	Abbrev.	CASRN
Di-butyl phthalate	DBP	84-74-2	Di-iso-decyl phthalate	DIDP	68515-49-1 / 26761-40-0
Benzyl butyl phthalate	BBP	85-68-7	Di-iso-nonyl phthalate	DINP	131-18-0
Di-(2-ethylhexyl) phthalate	DEHP	117-81-7	Di-n-hexyl phthalate	DNHP	28553-12-0 / 68515-48-0

CASRN: Chemical Abstracts Service Registry Number



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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.

