

TEST REPORT

Report No. 010222050072

DATED: 02 JUNE 2022

Client : PLAN CREATIONS CO., LTD.

8 MOO 8, TRANG-PALIAN RD.,

YANTAKAO, TRANG 92140 THAILAND

Buyer : /

Sample Description : TREE HOUSE

Item No. : 6626

SKU No. : /

Model / Style : /

Age Grade : 3Y+

Manufacturer : /

Country of Origin : THAILAND

Country of Destination : /

Test Sample Received : RECEIVED ON 27/05/2022

Test Period : FROM 27/05/2022 TO 02/06/2022

TEST REQUESTED	CONCLUSION	REMARK
ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (MECHANICAL AND PHYSICAL PROPERTIES)	PASS	
ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (FLAMMABILITY)	PASS	- 1
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	4-
CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 108 PROHIBITION OF SALE OF CERTAIN PRODUCTS CONTAINING SPECIFIED PHTHALATES	PASS	# 1
CALIFORNIA PROPOSITION 65 – PHTHALATE CONTENT	PASS	-/-

GIC Testing & Inspection Services Pte Ltd

158 Kallang Way #08-01 Singapore 349245



TEST REPORT

Report No. 010222050072

DATED: 02 JUNE 2022

For technical enquiries or any other concerns, please contact:

GIC TESTING & INSPECTION SERVICES PTE LTD

Tel: +65 6741 2260

Email: services.sg@gicgrp.com

PREPARED BY:

EDMUND YAP

Laboratory Manager

APPROVED BY:

SUZEN CHONG

Senior Vice President



DATED: 02 JUNE 2022

SAMPLE PHOTO



KZSSe





Tree House

Get closer to nature by spending your time in the Tree House. This set includes a tree house, a figure, a squirrel, 3 mushrooms, a chest, a lantern, table and chair, a removable ladder, a rope tree swing, and a working pulley.

Cabane dans l'arbre

Rapprochez-vous de la nature en





DATED: 02 JUNE 2022

















DATED: 02 JUNE 2022





DATED: 02 JUNE 2022

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: 6626 TREE HOUSE

Components	Report Number	Date of Issue
ASTM F963-17 Soluble Heavy Metals		
YELLOW COATING ON WOOD (LIGHT)	010221080049	20 Aug 2021
LACQUER COATING ON WOOD	010221060151	01 Jul 2021
LIGHT GREEN COATING ON WOOD	010221080096	06 Sep 2021
GREEN COATING ON WOOD	010221120064	23 Dec 2021
BROWN COATING ON WOOD	010221060152	01 Jul 2021
ORANGE COATING ON WOOD	010221080049	20 Aug 2021
YELLOW COATING ON WOOD (DARK)	010221070114	16 Jul 2021
BLACK COATING ON WOOD	010222030086	06 Apr 2022
DARK BROWN COATING ON WOOD (BROWN-BLACK)	010221100087	19 Oct 2021
RED COATING ON WOOD	010221060152	01 Jul 2021
DARK BROWN COATING ON WOOD	010221070114	16 Jul 2021
WHITE PLASTIC JOINT	010222030022	10 Mar 2022
CREAM PLASTIC	010221080056	25 Aug 2021
COTTON CORD	010222030018	10 Mar 2022
CREAM CORD	010221070020	12 Jul 2021
WHITE ELASTIC	010222030013	10 Mar 2022
LIGHT GREEN SAWDUST	010222010068	26 Jan 2022
Lead in Surface Coating		4
YELLOW COATING ON WOOD (LIGHT)	010221080049	20 Aug 2021
LACQUER COATING ON WOOD	010221060151	01 Jul 2021
LIGHT GREEN COATING ON WOOD	010221080096	06 Sep 2021
GREEN COATING ON WOOD	010221120064	23 Dec 2021
BROWN COATING ON WOOD	010221060152	01 Jul 2021
ORANGE COATING ON WOOD	010221080049	20 Aug 2021
YELLOW COATING ON WOOD (DARK)	010221070114	16 Jul 2021
BLACK COATING ON WOOD	010222030086	06 Apr 2022
DARK BROWN COATING ON WOOD (BROWN-BLACK)	010221100087	19 Oct 2021
RED COATING ON WOOD	010221060152	01 Jul 2021
DARK BROWN COATING ON WOOD	010221070114	16 Jul 2021
Lead in Substrate		
WHITE PLASTIC JOINT	010222030022	10 Mar 2022
CREAM PLASTIC	010221080056	25 Aug 2021
COTTON CORD	010222030018	10 Mar 2022
CREAM CORD	010221070020	12 Jul 2021
WHITE ELASTIC	010222030013	10 Mar 2022
LIGHT GREEN SAWDUST	010222010068	26 Jan 2022



DATED: 02 JUNE 2022

<u>Item Description:</u> 6267/6268/6269 FAMILY (TRADESMAN) / FAMILY (SERVICE SCREW) / FAMILY (RESCUE SCREW)

Components	Report Number	Date of Issue
Phthalate Content		
YELLOW COATING ON WOOD (LIGHT)	010221080049	20 Aug 2021
LACQUER COATING ON WOOD	010221060151	01 Jul 2021
LIGHT GREEN COATING ON WOOD	010221080096	06 Sep 2021
GREEN COATING ON WOOD	010221120064	23 Dec 2021
BROWN COATING ON WOOD	010221060152	01 Jul 2021
ORANGE COATING ON WOOD	010221080049	20 Aug 2021
YELLOW COATING ON WOOD (DARK)	010221070114	16 Jul 2021
BLACK COATING ON WOOD	010222030086	06 Apr 2022
DARK BROWN COATING ON WOOD (BROWN-BLACK)	010221100087	19 Oct 2021
RED COATING ON WOOD	010221060152	01 Jul 2021
DARK BROWN COATING ON WOOD	010221070114	16 Jul 2021
WHITE PLASTIC JOINT	010222030022	10 Mar 2022
CREAM PLASTIC	010221080056	25 Aug 2021
WHITE ELASTIC	010222030013	10 Mar 2022
LIGHT GREEN SAWDUST	010222010068	26 Jan 2022



DATED: 02 JUNE 2022

TEST RESULT(S):

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

Test Method: Reference to ASTM F963-17.

Clause	Requirement	Result
4.1	Material quality	M
4.2	Flammability	See
4.2	Flammability	Results
4.3	Toxicology	See
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Results
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
4.10	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	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
5	Labeling Requirements	M
6	Instructional Literature	M
7	Producer's Markings	M

Note:

M = Meet NM = Not Meet NA = Not Applicable R = Refer to Comment Section

NR = Not Requested NT = Not Tested NP = Not Present



DATED: 02 JUNE 2022

TEST RESULT(S): (Continued)

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	6626 TREE HOUSE	

Test Item(s)	Length of Major Axis (in)	Burn Length (in)	Burn Time (s)	Req. (in/s)	Burn Rate (in/s)	Result
1	6.9	DNI	DNI	0.1	DNI	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 Descrip	tion(s)
1	WHITE PLASTIC JOINT	
2	CREAM PLASTIC	
3	COTTON CORD	A A A
4	CREAM CORD	V V A
5	WHITE ELASTIC	
6	LIGHT GREEN SAWDUST	

-	Unit	Req.	Result				X	
Test Item(s)	-	-	1	2	3	4	5	6
Lead	mg/kg	100	ND	ND	ND	ND	ND	ND
Conclusion	130	-	PASS	PASS	PASS	PASS	PASS	PASS

Note:

- mg/kg = milligrams per kilogram

- ND = Not Detected

- Reporting limit (Each): 2 mg/kg

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	YELLOW COATING ON WOOD (LIGHT)	K
2	LACQUER COATING ON WOOD	
3	LIGHT GREEN COATING ON WOOD	2 K
4	GREEN COATING ON WOOD	1/8 4
5	BROWN COATING ON WOOD	
6	ORANGE COATING ON WOOD	7
7	YELLOW COATING ON WOOD (DARK)	* 67
8	BLACK COATING ON WOOD	
9	DARK BROWN COATING ON WOOD (BROWN-BLACK)	
10	RED COATING ON WOOD	V. Det
11	DARK BROWN COATING ON WOOD	



DATED: 02 JUNE 2022

TEST RESULT(S): (Continued)

-	Unit	Req.	Result				
Test Item(s)	-	-	1 2 3 4 5				
Lead	mg/kg	90	2.2	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Req.	Result					
Test Item(s)	-	-	6	7	8	9	10	11
Lead	mg/kg	90	4.5	ND	ND	3.7	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 CPSC-CH-E1002-08.3, CPSC-CH-E1003-09.1 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)	7
1	YELLOW COATING ON WOOD (LIGHT)	-//
2	LACQUER COATING ON WOOD	1 2/1
3	LIGHT GREEN COATING ON WOOD	1
4	GREEN COATING ON WOOD	-X . S
5	BROWN COATING ON WOOD	14
6	ORANGE COATING ON WOOD	
7	YELLOW COATING ON WOOD (DARK)	
8	BLACK COATING ON WOOD	Z. 1. 10 ()
9	DARK BROWN COATING ON WOOD (BROWN-BLACK)	No. K.
10	RED COATING ON WOOD	- 10
11	DARK BROWN COATING ON WOOD	
12	WHITE PLASTIC JOINT	
13	CREAM PLASTIC	
14	COTTON CORD	
15	CREAM CORD	
16	WHITE ELASTIC	
17	LIGHT GREEN SAWDUST	

-	Unit	Req.	4		Result		1/2
Test Item(s)		F - \	1	2	3	4	5
Total Lead (Pb)	mg/kg	40	2.2	ND	ND	ND	ND
Conclusion	_	Y N	PASS	PASS	PASS	PASS	PASS

-	Unit	Req.	Ale v		Result		
Test Item(s)	-	2	6	7	8	9	10
Total Lead (Pb)	mg/kg	40	4.5	ND	ND	3.7	ND
Conclusion	-	- 4	PASS	PASS	PASS	PASS	PASS

-	Unit	Req.	O. 16 3	34 X	Result		RV /
Test Item(s)	-	-	11	12	13	14	15
Total Lead (Pb)	mg/kg	40	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Req.	Result					
Test Item(s)	-	-	16	17				
Total Lead (Pb)	mg/kg	40	ND	ND				
Conclusion	-	-	PASS	PASS				



DATED: 02 JUNE 2022

TEST RESULT(S): (Continued)

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	YELLOW COATING ON WOOD (LIGHT)
2	LACQUER COATING ON WOOD
3	LIGHT GREEN COATING ON WOOD
4	GREEN COATING ON WOOD
5	BROWN COATING ON WOOD
6	ORANGE COATING ON WOOD
7	YELLOW COATING ON WOOD (DARK)
8	BLACK COATING ON WOOD
9	DARK BROWN COATING ON WOOD (BROWN-BLACK)
10	RED COATING ON WOOD
11	DARK BROWN COATING ON WOOD
12	WHITE PLASTIC JOINT
13	CREAM PLASTIC
14	COTTON CORD
15	CREAM CORD
16	WHITE ELASTIC
17	LIGHT GREEN SAWDUST

-	Unit	Req.	2	. V	Result		Marie Co
Test Item(s)	111	-	1	2	3	4	5
Antimony (Sb)	mg/kg	60	ND	ND	ND	ND	ND
Arsenic (As)	mg/kg	25	ND	ND	ND	ND	ND
Barium (Ba)	mg/kg	1000	ND	ND	ND	ND	200
Cadmium (Cd)	mg/kg	75	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	60	ND	ND	ND	ND	ND
Lead (Pb)	mg/kg	90	ND	ND	ND	ND	ND
Mercury (Hg)	mg/kg	60	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	500	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Req.	Met.		Result		7
Test Item(s)	-	100	6	7	8	9	10
Antimony (Sb)	mg/kg	60	ND	ND	ND	ND	ND
Arsenic (As)	mg/kg	25	ND	ND	ND	ND	ND
Barium (Ba)	mg/kg	1000	ND	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	75	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	60	ND	ND	ND	ND	ND
Lead (Pb)	mg/kg	90	ND	ND	2.4	ND	ND
Mercury (Hg)	mg/kg	60	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	500	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS



DATED: 02 JUNE 2022

TEST RESULT(S): (Continued)

-	Unit	Req.			Result		
Test Item(s)	-	-	11	12	13	14	15
Antimony (Sb)	mg/kg	60	ND	ND	ND	ND	ND
Arsenic (As)	mg/kg	25	ND	ND	ND	ND	ND
Barium (Ba)	mg/kg	1000	64	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	75	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	60	ND	ND	ND	ND	ND
Lead (Pb)	mg/kg	90	ND	ND	ND	ND	ND
Mercury (Hg)	mg/kg	60	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	500	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Req.	Re	esult
Test Item(s)	-	-	16	17
Antimony (Sb)	mg/kg	60	ND	ND
Arsenic (As)	mg/kg	25	ND	ND
Barium (Ba)	mg/kg	1000	ND	ND
Cadmium (Cd)	mg/kg	75	ND	ND
Chromium III (Cr III)	mg/kg	60	ND	ND
Lead (Pb)	mg/kg	90	ND	ND
Mercury (Hg)	mg/kg	60	ND	ND
Selenium (Se)	mg/kg	500	ND	2.2
Conclusion	- 3	-	PASS	PASS

Note:

- mg/kg = milligrams per kilogram

- ND = Not Detected

Reporting limit (each) = 2 mg/kg

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

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

Test Item(s)	Item / Component Description(s)
1	YELLOW COATING ON WOOD (LIGHT)
2	LACQUER COATING ON WOOD
3	LIGHT GREEN COATING ON WOOD
4	GREEN COATING ON WOOD
5	BROWN COATING ON WOOD
6	ORANGE COATING ON WOOD
7	YELLOW COATING ON WOOD (DARK)
8	BLACK COATING ON WOOD
9	DARK BROWN COATING ON WOOD (BROWN-BLACK)
10	RED COATING ON WOOD
11	DARK BROWN COATING ON WOOD
12	WHITE PLASTIC JOINT
13	CREAM PLASTIC
14	WHITE ELASTIC
15	LIGHT GREEN SAWDUST



DATED: 02 JUNE 2022

TEST RESULT(S): (Continued)

-	Abbrev.	Unit	Req.			Result		
Test Item(s)	-	-	-	1	2	3	4	5
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	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-iso-butyl phthalate	DIBP	%	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
Conclusion		-	-	PASS	PASS	PASS	PASS	PASS

-	Abbrev.	Unit	Req.		Result			
Test Item(s)	-	(18/2)	10.23	6	7	8	9	10
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	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-iso-butyl phthalate	DIBP	%	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
Conclusion		-	-	PASS	PASS	PASS	PASS	PASS

-	Abbrev.	Unit	Req.	THE COLUMN	· V · · · I	Result		. W. W.
Test Item(s)	2 -	-	1 - 1 5	11	12	13	14	15
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	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-iso-butyl phthalate	DIBP	%	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
Conclusion	4/2	- N	-	PASS	PASS	PASS	PASS	PASS

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



DATED: 02 JUNE 2022

TEST RESULT(S): (Continued)

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	YELLOW COATING ON WOOD (LIGHT)
2	LACQUER COATING ON WOOD
3	LIGHT GREEN COATING ON WOOD
4	GREEN COATING ON WOOD
5	BROWN COATING ON WOOD
6	ORANGE COATING ON WOOD
7	YELLOW COATING ON WOOD (DARK)
8	BLACK COATING ON WOOD
9	DARK BROWN COATING ON WOOD (BROWN-BLACK)
10	RED COATING ON WOOD
11	DARK BROWN COATING ON WOOD
12	WHITE PLASTIC JOINT
13	CREAM PLASTIC
14	WHITE ELASTIC
15	LIGHT GREEN SAWDUST

-	Abbrev.	Abbrev. Unit Req. Result						11. 1 / A /		
Test Item(s)		-100			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-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND	ND		
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND	ND		
Di-n-hexyl phthalate	DNHP	%	0.1	ND	ND	ND	ND	ND		
Conclusion		-	-	PASS	PASS	PASS	PASS	PASS		

- 0	Abbrev.	Unit	Req.		Result						
Test Item(s)		_ 4	-	6	7	8	9	10			
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-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND	ND			
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND	ND			
Di-n-hexyl phthalate	DNHP	%	0.1	ND	ND	ND	ND	ND			
Conclusion	4	V 17	-	PASS	PASS	PASS	PASS	PASS			

-	Abbrev.	Unit	Req.	Result				
Test Item(s)	- 7-	17-0	21 -	11	12	13	14	15
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-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND	ND
Di-n-hexyl phthalate	DNHP	%	0.1	ND	ND	ND	ND	ND
Conclusion		_	-	PASS	PASS	PASS	PASS	PASS

Note:

- Reporting limit (Each): 0.01 %

ND = Not Detected



DATED: 02 JUNE 2022

TEST RESULT(S): (Continued)

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

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.