

## **TEST REPORT**

### Report No. 010222050079

DATED: 06 SEPTEMBER 2022

Client : PLAN CREATIONS CO., LTD.

8 MOO 8, TRANG-PALIAN RD.,

YANTAKAO, TRANG 92140 THAILAND

Buyer : /

Sample Description : MARINE PUZZLE

Item No. : 5688

SKU No. : /

Model / Style : /

Age Grade : 12M+

Manufacturer : /

Country of Origin : THAILAND

Country of Destination : /

Test Sample Received : RECEIVED ON 31/08/2022

**Test Period** : FROM 31/08/2022 TO 06/09/2022

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	<u>- W</u>
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	# 6
CALIFORNIA PROPOSITION 65 – PHTHALATE CONTENT	PASS	-

#### **GIC Testing & Inspection Services Pte Ltd**

158 Kallang Way #08-01 Singapore 349245



# **TEST REPORT**

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For technical enquiries or any other concerns, please contact:

**GIC TESTING & INSPECTION SERVICES PTE LTD** 

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**GIC Testing & Inspection Services Pte Ltd** 

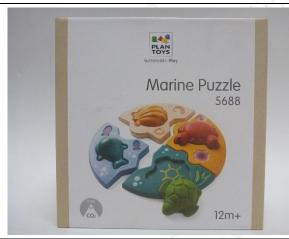
158 Kallang Way #08-01 Singapore 349245



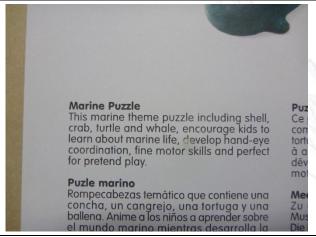
**DATED: 06 SEPTEMBER 2022** 

#### **SAMPLE PHOTO**













**DATED: 06 SEPTEMBER 2022** 

#### **SAMPLE PHOTO**













**DATED: 06 SEPTEMBER 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.

<u>Item Description:</u> <u>5688 MARINE PUZZLE</u>

	_	
Components	Report Number	Date of Issue
ASTM F963-17 Soluble Heavy Metals		
LIGHT GREEN SAWDUST	010221120109	07 Jan 2022
YELLOW SAWDUST	010221120051	21 Dec 2021
RED SAWDUST	010222080070	30 Aug 2022
SAWDUST WOOD	010222050113	06 Jun 2022
BLUE SAWDUST (320)	010222010067	26 Jan 2022
BLUE SAWDUST (299)	010222010068	26 Jan 2022
WHITE COATING ON SAWDUST	010222070022	18 Jul 2022
DARK GREEN COATING ON SAWDUST	010222050138	06 Jun 2022
BLUE COATING ON SAWDUST	010222060053	30 Jun 2022
RED COATING ON SAWDUST	010222060054	30 Jun 2022
YELLOW COATING ON SAWDUST	010222060056	30 Jun 2022
LIGHT PURPLE COATING ON SAWDUST	010222060052	30 Jun 2022
LIGHT BROWN COATING ON SAWDUST	010222060052	30 Jun 2022
DARK BLUE COATING ON SAWDUST	010222060055	30 Jun 2022
Load in Confess Continu		- 1/4/2
Lead in Surface Coating WHITE COATING ON SAWDUST	010222070022	18 Jul 2022
DARK GREEN COATING ON SAWDUST	010222070022	06 Jun 2022
BLUE COATING ON SAWDUST	010222060053	30 Jun 2022
RED COATING ON SAWDUST	010222060054	30 Jun 2022
YELLOW COATING ON SAWDUST	010222060054	30 Jun 2022
LIGHT PURPLE COATING ON SAWDUST	010222060052	30 Jun 2022
LIGHT BROWN COATING ON SAWDUST	010222060052	30 Jun 2022
DARK BLUE COATING ON SAWDUST	010222060055	30 Jun 2022
DANK BEGE GOATING ON GAWBOOT	010222000033	30 Juli 2022
Lead in Substrate		W. W. W.
LIGHT GREEN SAWDUST	010221120109	07 Jan 2022
YELLOW SAWDUST	010221120051	21 Dec 2021
RED SAWDUST	010222080070	30 Aug 2022
SAWDUST WOOD	010222050113	06 Jun 2022
BLUE SAWDUST (320)	010222010067	26 Jan 2022
BLUE SAWDUST (299)	010222010068	26 Jan 2022
Phthalate Content  LIGHT GREEN SAWDUST	010221120109	07 Jan 2022
YELLOW SAWDUST	010221120103	21 Dec 2021
RED SAWDUST	010221120031	30 Aug 2022
SAWDUST WOOD	010222050113	06 Jun 2022
BLUE SAWDUST (320)	010222010067	26 Jan 2022
BLUE SAWDUST (320) BLUE SAWDUST (299)	010222010067	26 Jan 2022
WHITE COATING ON SAWDUST	010222070022	18 Jul 2022
DARK GREEN COATING ON SAWDUST	010222050138	06 Jun 2022
BLUE COATING ON SAWDUST	010222060053	30 Jun 2022
RED COATING ON SAWDUST	010222060054	30 Jun 2022
YELLOW COATING ON SAWDUST	010222060056	30 Jun 2022
LIGHT PURPLE COATING ON SAWDUST	010222060052	30 Jun 2022
LIGHT BROWN COATING ON SAWDUST	010222060052	30 Jun 2022
DARK BLUE COATING ON SAWDUST	010222060055	30 Jun 2022



**DATED: 06 SEPTEMBER 2022** 

#### TEST RESULT(S):

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

**Test Method**: Reference to ASTM F963-17.

Clause	Requirement	Resul
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 NA
4.6	Small Objects	M
4.7	Accessible Edges	M
4.8	Projections	NA NA
4.9	Accessible Points	M
4.10	Wires or Rods	NA NA
4.11	Nails and Fasteners	NA NA
4.12	Plastic Film	NA NA
4.13	Folding Mechanisms and Hinges	NA NA
4.14	Cords, Straps, and Elastics	NA NA
4.15	Stability and Over-Load Requirements	NA NA
4.16	Confined Spaces	NA NA
4.17	Wheels, Tires, and Axles	NA NA
4.17	Holes, Clearance, and Accessibility of Mechanisms	NA NA
4.19	Simulated Protective Devices	NA NA
4.19	Pacifiers	NA NA
4.21	Projectile Toys	NA NA
4.22	Teethers and Teething Toys	NA NA
4.23	Rattles	NA NA
4.23	Squeeze Toys	NA NA
4.25	Battery-Operated Toys	NA NA
4.25	Toys Intended to be Attached to a Crib or Playpen	NA NA
4.27	Stuffed and Beanbag-Type Toys	NA NA
4.27	Stroller and Carriage Toys	NA NA
4.20	Art Materials	NA NA
4.29	Toy Gun Marking	NA NA
4.30	Balloons	NA NA
4.31	Certain Toys with Nearly Spherical Ends	NA NA
4.32	Marbles	NA NA
4.33	Balls	NA NA
4.35		NA NA
	Pompoms  Harriagh aria Changel Chicata	+
4.36	Hemispheric-Shaped Objects	NA NA
4.37	Yo Yo Elastic Tether Toys	NA NA
4.38	Magnets  Jaw Entrapment in Handles and Steering Wheels	NA NA
4.39		NA NA
4.40	Expanding Materials	NA NA
4.41	Toy Chests	NA NA
5	Labeling Requirements	M
<u>6</u> 7	Instructional Literature 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: 06 SEPTEMBER 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	5688 MARINE PUZZLE	

Test Item(s)	Length of Major Axis (in)	Burn Length (in)	Burn Time (s)	Permissible Limit (in/s)	Burn Rate (in/s)	Result
1	9.00	DNI	DNI	0.1	DNI	DNI
Conclusion	-	-	-	-	- 6	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	LIGHT GREEN SAWDUST
2	YELLOW SAWDUST
3	RED SAWDUST
4	SAWDUST WOOD
5	BLUE SAWDUST (320)
6	BLUE SAWDUST (299)

-	Unit	Permissible Limit Result			Result				
Test Item(s)	- 9	-	1 🛪	2	3	4	5	6	
Lead	mg/kg	100	ND	ND	2.3	2.9	2.1	2.1	
Conclusion	- W	- 10	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	WHITE COATING ON SAWDUST
2	DARK GREEN COATING ON SAWDUST
3	BLUE COATING ON SAWDUST
4	RED COATING ON SAWDUST
5	YELLOW COATING ON SAWDUST
6	LIGHT PURPLE COATING ON SAWDUST
7	LIGHT BROWN COATING ON SAWDUST
8	DARK BLUE COATING ON SAWDUST

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



**DATED: 06 SEPTEMBER 2022** 

#### **TEST RESULT(S): (Continued)**

-	Unit	Permissible Limit	Result					
Test Item(s)	-	-	6 7 8					
Lead	mg/kg	90	ND	ND	ND			
Conclusion	-	-	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)
1	LIGHT GREEN SAWDUST
2	YELLOW SAWDUST
3	RED SAWDUST
4	SAWDUST WOOD
5	BLUE SAWDUST (320)
6	BLUE SAWDUST (299)
7	WHITE COATING ON SAWDUST
8	DARK GREEN COATING ON SAWDUST
9	BLUE COATING ON SAWDUST
10	RED COATING ON SAWDUST
11	YELLOW COATING ON SAWDUST
12	LIGHT PURPLE COATING ON SAWDUST
13	LIGHT BROWN COATING ON SAWDUST
14	DARK BLUE COATING ON SAWDUST

-	Unit	Permissible Limit	N. A.		Result		
Test Item(s)		- //	1	2	3	4	5
Total Lead (Pb)	mg/kg	40	ND	ND	2.3	2.9	2.1
Conclusion	7	- 81	PASS	PASS	PASS	PASS	PASS

-	Unit	Permissible Limit	nit Result						
Test Item(s)	- TO	1264 - 1178	6	7	8	9	10		
Total Lead (Pb)	mg/kg	40	2.1	ND	ND	ND	ND		
Conclusion	- 94	- 1	PASS	PASS	PASS	PASS	PASS		

-	Unit	Permissible Limit	Result					
Test Item(s)	-	Z N -18/V	11	12	13	14		
Total Lead (Pb)	mg/kg	40	ND	ND	ND	ND		
Conclusion	-	AF FF A	PASS	PASS	PASS	PASS		

#### Note:

- mg/kg = milligrams per kilogram

- Reporting limit (Each): 2 mg/kg

- ND = Not Detected



**DATED: 06 SEPTEMBER 2022** 

**TEST RESULT(S): (Continued)** 

#### 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	LIGHT GREEN SAWDUST
2	YELLOW SAWDUST
3	RED SAWDUST
4	SAWDUST WOOD
5	BLUE SAWDUST (320)
6	BLUE SAWDUST (299)
7	WHITE COATING ON SAWDUST
8	DARK GREEN COATING ON SAWDUST
9	BLUE COATING ON SAWDUST
10	RED COATING ON SAWDUST
11	YELLOW COATING ON SAWDUST
12	LIGHT PURPLE COATING ON SAWDUST
13	LIGHT BROWN COATING ON SAWDUST
14	DARK BLUE COATING ON SAWDUST

-	Unit	Permissible Limit		manufacture of	Result		13/1
Test Item(s)	-	-110000	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	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	3>	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Permissible Limit	1	Y	Result		· · · · · · · · · · · · · · · · · · ·
Test Item(s)	-4	3 T	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	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	Permissible Limit	St. 100	Re	sult	
Test Item(s)	-	35	11	12	13	14
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	ND
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



**DATED: 06 SEPTEMBER 2022** 

#### **TEST RESULT(S): (Continued)**

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	LIGHT GREEN SAWDUST						
2	YELLOW SAWDUST						
3	RED SAWDUST						
4	SAWDUST WOOD						
5	BLUE SAWDUST (320)						
6	BLUE SAWDUST (299)						
7	WHITE COATING ON SAWDUST						
8	DARK GREEN COATING ON SAWDUST						
9	BLUE COATING ON SAWDUST						
10	RED COATING ON SAWDUST						
11	YELLOW COATING ON SAWDUST						
12	LIGHT PURPLE COATING ON SAWDUST						
13	LIGHT BROWN COATING ON SAWDUST						
14	DARK BLUE COATING ON SAWDUST						

-	Abbrev. Uni		Unit Permissible Limit		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	TO NE	1 -	-	PASS	PASS	PASS	PASS	PASS	

-	Abbrev.	Unit	Permissible Limit			Result		1/2
Test Item(s)		_	Barrier I	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	0.021	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		-10	-	PASS	PASS	PASS	PASS	PASS



**DATED: 06 SEPTEMBER 2022** 

#### **TEST RESULT(S): (Continued)**

-	Abbrev.	Unit	Permissible Limit	Result			
Test Item(s)	-	-	-	11	12	13	14
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

#### 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)	1000
1	LIGHT GREEN SAWDUST	
2	YELLOW SAWDUST	0.0
3	RED SAWDUST	21.V
4	SAWDUST WOOD	A
5	BLUE SAWDUST (320)	· VIV
6	BLUE SAWDUST (299)	
7	WHITE COATING ON SAWDUST	
8	DARK GREEN COATING ON SAWDUST	V
9	BLUE COATING ON SAWDUST	
10	RED COATING ON SAWDUST	1
11	YELLOW COATING ON SAWDUST	1
12	LIGHT PURPLE COATING ON SAWDUST	
13	LIGHT BROWN COATING ON SAWDUST	
14	DARK BLUE COATING ON SAWDUST	

-	Abbrev.	Unit	Permissible Limit	Result				
Test Item(s)	- 0	7 - 11	1 23 1-1	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-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



**DATED: 06 SEPTEMBER 2022** 

#### **TEST RESULT(S): (Continued)**

-	Abbrev.	Unit	Permissible Limit	Result				
Test Item(s)	-	-	-	6	7	8	9	10
Benzyl butyl phthalate	BBP	%	0.1	ND	0.021	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

-	Abbrev.	Unit	Permissible Limit	Result			
Test Item(s)	-	- /	milities .	11	12	13	14
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		505 <u>-</u> 16	-	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

END	OF	DEC	$\cap$ DT	

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.