



TEST REPORT

Report No. 010225020075

DATED: 24 APRIL 2025

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

Buyer : /

Sample Description : VET SET

Item No. : 3490

SKU No. : /

Model / Style : /

Client Specified Age Grade : 3Y+

Manufacturer : /

Country of Origin : THAILAND

Country of Destination : /

Test Sample Received : RECEIVED 18/04/2025

Test Period : FROM 18/04/2025 TO 24/04/2025

TEST REQUESTED	CONCLUSION	REMARK
EN 71-1:2014+A1:2018 – PHYSICAL AND MECHANICAL PROPERTIES	PASS	-
EN 71-2:2020 – FLAMMABILITY	PASS	-
EN 71-3:2019+A2:2024 – MIGRATION OF CERTAIN ELEMENTS	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

Tel: +65 6741 2260

Email: services.sg@gicgrp.com

PREPARED BY:

LUKMAN YUSOFF
TESTING ENGINEER

APPROVED BY:

ALEX LAU
TECHNICAL DIRECTOR

GIC Testing & Inspection Services Pte Ltd

158 Kallang Way #08-01
Singapore 349245

SAMPLE PHOTO



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 12 months prior to this report.

Item Description: 3490 VET SET

<u>Components</u>	<u>Report Number</u>	<u>Date of Issue</u>
<u>EN 71-3:2019+A2:2024 Migration of Certain Elements</u>		
1 SOLID WOOD	010224060099	28-Jun-24
2 5080254 GREEN FABRIC	010225020157	28-Feb-25
3 5080279 CREAM FABRIC	010224060172	2-Jul-24
4 5080280 LIGHT BROWN FABRIC	010224060046	24-Jun-24
5 5080281 WHITE FABRIC WITH BLUE PRINT	010224040116	9-May-24
6 5080296 LABEL FABRIC	010224080085	10-Sep-24
7 5241010/ 5241011 ART PAPER (3490)	010224060047	24-Jun-24
8 5280207 COTTON CLOTH TAPE	010225010063	17-Jan-25
9 COTTON CORD	010224060005	12-Jun-24
10 WHITE ELASTIC	010225020158	28-Feb-25
11 WHITE COATING ON WOOD	010224040095	7-May-24
12 CLEAR COATING ON WOOD	010224060179	16-Jul-24
13 LIGHT GRAY COATING ON WOOD	010225020227	11-Mar-25
14 RED COATING ON WOOD	010225020009	20-Feb-25
15 GRAY COATING ON WOOD	010225010234	20-Feb-25
16 BLUE COATING ON WOOD	010225020254	18-Mar-25
17 WHITE COATING ON WOOD	010224040095	7-May-24



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TEST RESULT(S):

EN 71-1:2014+A1:2018 – Physical and Mechanical Properties

Test Method : Reference to EN 71-1:2014+A1:2018.

Test Item(s)	Item / Component Description(s)
1	3490 VET SET

Clause	Requirement	Result
4.1	Material cleanliness	M
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	M
4.8	Points and metallic wires	M
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cord of toy kites and other flying toys	NA
4.14	Toys which a child can enter	NA
4.15	Toys propelled by child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
5	Toys intended for children under 36 months	NA
5.1	General requirements	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chain and electrical cables in toys	NA
5.5	Liquid-filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA
6	Packaging	NA
7	Warning, instructions for use	M

Note:

M = Meet

NR = Not Requested

NM = Not Meet

NT = Not Tested

NA = Not Applicable

NP = Not Present

R = Refer to Comment Section



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TEST RESULT(S): (Continued)

EN 71-2:2020 - Flammability

Test Method : Reference to EN 71-2:2020.

Test Item(s)	Item / Component Description(s)
1	3490 VET SET

Subclause	Requirement	Result
4.1	General requirement	PASS
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys	NA

Note:

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NM = Not Meet

NT = Not Tested

NA = Not Applicable

NP = Not Present

R = Refer to Comment Section

DNI = Did Not Ignite



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DATED: 24 APRIL 2025

TEST RESULT(S): (Continued)

EN 71-3:2019+A2:2024 – Migration of Certain Elements

Test Method : Reference to EN 71-3:2019+A2:2024

Test Item(s)	Item / Component Description(s)
1	SOLID WOOD
2	5080254 GREEN FABRIC
3	5080279 CREAM FABRIC
4	5080280 LIGHT BROWN FABRIC
5	5080281 WHITE FABRIC WITH BLUE PRINT
6	5080296 LABEL FABRIC
7	5241010/ 5241011 ART PAPER (3490)
8	5280207 COTTON CLOTH TAPE
9	COTTON CORD
10	WHITE ELASTIC
11	WHITE COATING ON WOOD
12	CLEAR COATING ON WOOD
13	LIGHT GRAY COATING ON WOOD
14	RED COATING ON WOOD
15	GRAY COATING ON WOOD
16	BLUE COATING ON WOOD
17	WHITE COATING ON WOOD

See Soluble Element and its corresponding Maximum Allowable Limit in Result Table	Category I	Pliable modelling materials or other solid materials intended to leave a trace appearing in the toy
	Category II	Liquid paints/inks and other similar materials appearing as such in the toy (e.g. bubble solution), and glue sticks
	Category III	Coatings, polymeric materials (e.g. plastics), paper, textiles, glass, ceramic, metallic, wood and other solid materials

Test Item(s)	Unit	Permissible Limit	Result					
			1	2	3	4	5	6
Category Type	-	III	III	III	III	III	III	III
Aluminum (Al)	mg/kg	28130	ND	ND	ND	ND	ND	ND
Antimony (Sb)	mg/kg	560	ND	ND	ND	ND	ND	ND
Arsenic (As)	mg/kg	47	ND	ND	ND	ND	ND	ND
Barium (Ba)	mg/kg	18750	ND	ND	ND	ND	ND	ND
Boron (B)	mg/kg	15000	ND	ND	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	17	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	460	ND	0.15	ND	ND	0.24	ND
Chromium VI (Cr VI)	mg/kg	0.053	ND	ND	ND	ND	ND	ND
Cobalt (Co)	mg/kg	130	ND	ND	ND	ND	ND	ND
Copper (Cu)	mg/kg	7700	ND	ND	ND	ND	ND	ND
Lead (Pb)	mg/kg	23	ND	ND	ND	ND	ND	ND
Manganese (Mn)	mg/kg	15000	18.6	ND	ND	15.1	ND	ND
Mercury (Hg)	mg/kg	94	ND	ND	ND	ND	ND	ND
Nickel (Ni)	mg/kg	930	ND	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	460	ND	ND	ND	ND	ND	ND
Strontium (Sr)	mg/kg	56000	ND	ND	ND	ND	ND	ND
Tin (Sn)	mg/kg	180000	ND	ND	ND	ND	ND	ND
Organic tin	mg/kg	12	ND	ND	ND	ND	ND	ND
Zinc (Zn)	mg/kg	46000	10.5	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS



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TEST RESULT(S): (Continued)

Test Item(s)	Unit	Permissible Limit	Result					
			7	8	9	10	11	12
Category Type	-	III	III	III	III	III	III	III
Aluminum (Al)	mg/kg	28130	53.1	13.9	ND	ND	1230	ND
Antimony (Sb)	mg/kg	560	ND	ND	ND	ND	ND	ND
Arsenic (As)	mg/kg	47	1.3	ND	ND	ND	ND	ND
Barium (Ba)	mg/kg	18750	ND	ND	ND	ND	ND	ND
Boron (B)	mg/kg	15000	ND	ND	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	17	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	460	ND	0.4	0.05	0.16	0.75	0.32
Chromium VI (Cr VI)	mg/kg	0.053	ND	ND	ND	ND	ND	ND
Cobalt (Co)	mg/kg	130	ND	ND	ND	ND	ND	ND
Copper (Cu)	mg/kg	7700	ND	ND	ND	ND	ND	ND
Lead (Pb)	mg/kg	23	ND	ND	ND	ND	ND	ND
Manganese (Mn)	mg/kg	15000	ND	ND	ND	ND	ND	14.6
Mercury (Hg)	mg/kg	94	ND	ND	ND	ND	ND	ND
Nickel (Ni)	mg/kg	930	12.3	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	460	ND	ND	ND	ND	ND	ND
Strontium (Sr)	mg/kg	56000	12.3	ND	ND	ND	ND	ND
Tin (Sn)	mg/kg	180000	ND	ND	ND	ND	ND	ND
Organic tin	mg/kg	12	ND	ND	ND	ND	ND	ND
Zinc (Zn)	mg/kg	46000	ND	ND	ND	990	ND	1890
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	Unit	Permissible Limit	Result				
			13	14	15	16	17
Category Type	-	III	III	III	III	III	III
Aluminum (Al)	mg/kg	28130	735	ND	624	374	1230
Antimony (Sb)	mg/kg	560	ND	ND	ND	ND	ND
Arsenic (As)	mg/kg	47	ND	ND	ND	ND	ND
Barium (Ba)	mg/kg	18750	ND	ND	ND	ND	ND
Boron (B)	mg/kg	15000	ND	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	17	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	460	0.18	0.26	0.66	0.12	0.75
Chromium VI (Cr VI)	mg/kg	0.053	ND	ND	ND	ND	ND
Cobalt (Co)	mg/kg	130	ND	ND	ND	ND	ND
Copper (Cu)	mg/kg	7700	ND	ND	ND	23.8	ND
Lead (Pb)	mg/kg	23	ND	ND	ND	ND	ND
Manganese (Mn)	mg/kg	15000	ND	ND	ND	ND	ND
Mercury (Hg)	mg/kg	94	ND	ND	ND	ND	ND
Nickel (Ni)	mg/kg	930	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	460	ND	ND	ND	ND	ND
Strontium (Sr)	mg/kg	56000	ND	ND	ND	ND	ND
Tin (Sn)	mg/kg	180000	ND	ND	ND	ND	ND
Organic tin	mg/kg	12	ND	ND	ND	ND	ND
Zinc (Zn)	mg/kg	46000	181	1840	1314	550	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

Note:

- mg/kg = milligram per kilogram
- ND = Not Detected
- Reporting limit for Cr (III), Cr (VI) = 0.02 mg/kg, and for Organic Tin = 0.9 mg/kg
- Reporting limit for Pb = 1.0 mg/kg, for As, Cd = 0.5 mg/kg
- Reporting limit for Al, Sb, Ba B, Co, Hg, Cu, Mn, Ni, Se, Sr, Zn, Sn = 5.0 mg/kg
- Confirmation test of chromium (III) is not required in case of chromium does not exceed their requirements as specified in EN 71-3:2019+ A2: 2024.



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TEST RESULT(S): (Continued)

Remark:

- Test Item(s) was (were) tested according to European Standard EN 71-3:2019+ A2: 2024, Section 8.
- Results of Cr III and Cr VI were reported as sum of soluble chromium content unless further verified.
- Result(s) of organic tin was (were) calculated by assuming the soluble tin content was wholly contributed from tributyltin (TBT) cation unless further specified.
- The pH measured shall be reported after migration if it was outside the range of 1.1 to 1.3.

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.

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