TEST REPORT

Report No. 010224110115R2

DATED: 07 JULY 2025

Client	:	**PLAN CREATIONS CO., LTD.** 8 MOO 8, TRANG-PALIAN RD., YANTAKAO, TRANG 92140 THAILAND
Buyer	:	/
Sample Description	:	PULL & GRASP
Item No.	:	5297
SKU No.	:	/
Model / Style	:	/
Client Specified Age Grade	:	9M+
Manufacturer	:	/
Country of Origin	:	THAILAND
Country of Destination	:	/
Test Sample Received	:	RECEIVED 02/12/2024
Test Period	:	FROM 02/12/2024 TO 09/12/2024

Report was revised as per client request and shall supersede Report # 010224110115R1, dated 31 December 2024

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 “9M+” as per client requested.
2. The Labeled Age Grade is 9M+.

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

SAMPLE PHOTO

SAMPLE PHOTO

Report No. 010224110115R2

DATED: 07 JULY 2025

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: **5297 PULL & GRASP**

Components		Report Number	Date of Issue
EN 71-3:2019+A2:2024 Migration of Certain Elements			
1	SOLID WOOD	010224060099	28-Jun-24
2	WHITE ELASTIC	010224020099	5-Mar-24
3	LIGHT GREEN COATING ON WOOD	010224010338	21-Feb-24
4	ORANGE COATING ON WOOD	010223120127	22-Jan-24
5	YELLOW COATING ON WOOD	010223120131	22-Jan-24
6	CLEAR COATING ON WOOD	010224060179	16-Jul-24
7	RED COATING ON WOOD	010223120128	22-Jan-24
8	PURPLE COATING ON WOOD (258C)	010224020094	7-Mar-24
9	DARK BLUE COATING ON WOOD	010224010337R1	4-Mar-24

TEST RESULT(S):

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

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

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	M
5.1	General requirements	M
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	M
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 7.1

Note:
M = Meet NM = Not Meet NA = Not Applicable R = Refer to Comment Section
NR = Not Requested NT = Not Tested NP = Not Present

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	5297 Pull & Grasp

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:

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

TEST RESULT(S): (Continued)

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

Test Method : Reference to BS EN 71-3:2019+A2:2024 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)
1	SOLID WOOD
2	WHITE ELASTIC
3	LIGHT GREEN COATING ON WOOD
4	ORANGE COATING ON WOOD
5	YELLOW COATING ON WOOD
6	CLEAR COATING ON WOOD
7	RED COATING ON WOOD
8	PURPLE COATING ON WOOD (258C)
9	DARK BLUE 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
Category Type	-	III	III	III	III	III
Aluminum (Al)	mg/kg	28130	ND	67.3	825	114
Antimony (Sb)	mg/kg	560	ND	ND	ND	ND
Arsenic (As)	mg/kg	47	ND	ND	ND	ND
Barium (Ba)	mg/kg	18750	ND	ND	ND	ND
Boron (B)	mg/kg	15000	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	17	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	460	ND	0.08	0.34	0.18
Chromium VI (Cr VI)	mg/kg	0.053	ND	ND	ND	ND
Cobalt (Co)	mg/kg	130	ND	ND	ND	ND
Copper (Cu)	mg/kg	7700	ND	ND	ND	ND
Lead (Pb)	mg/kg	23	ND	ND	ND	ND
Manganese (Mn)	mg/kg	15000	18.6	ND	ND	ND
Mercury (Hg)	mg/kg	94	ND	ND	ND	ND
Nickel (Ni)	mg/kg	930	ND	ND	ND	ND
Selenium (Se)	mg/kg	460	ND	ND	ND	ND
Strontium (Sr)	mg/kg	56000	ND	ND	ND	8.1
Tin (Sn)	mg/kg	180000	ND	ND	ND	ND
Organic tin	mg/kg	12	ND	ND	ND	ND
Zinc (Zn)	mg/kg	46000	10.5	904	ND	ND
Conclusion	-	-	**PASS**	**PASS**	**PASS**	**PASS**

TEST RESULT(S): (Continued)

Test Item(s)	Unit	Permissible Limit	Result				
			5	6	7	8	9
Category Type	-	III	III	III	III	III	III
Aluminum (Al)	mg/kg	28130	118	ND	119	290	2210
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	122	ND	8.6	ND	5.5
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	0.83	0.32	0.71	0.09	0.42
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	ND	ND
Lead (Pb)	mg/kg	23	ND	ND	ND	ND	ND
Manganese (Mn)	mg/kg	15000	ND	14.6	5.8	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	38.1	ND	ND	ND	ND
Tin (Sn)	mg/kg	180000	2.1	ND	ND	ND	1.4
Organic tin	mg/kg	12	ND	ND	ND	ND	ND
Zinc (Zn)	mg/kg	46000	ND	1890	6.6	134	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.

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.