

## Report No. 010221090068 Dated SEP 24, 2021

Client PLAN CREATIONS CO., LTD.

> 8 MOO 8, TRANG-PALIAN RD., YANTAKAO, TRANG 92140

ATTN: MS RATCHADA KONGTHON

**Buyer** 

**Test Sample Received RECEIVED ON 17/09/2021** 

**Test Period** FROM 17/09/2021 TO 23/09/2021

**Sample Description** SLIDE N GO DOLLHOUSE

**Product Code** 7611

Age Grade 3Y+

Manufacturer

**Country of Destination** 

**Country of Origin THAILAND** 

TEST REQUESTED	CONCLUSION	REMARK
EN 71-1:2014+A1:2018 – PHYSICAL AND MECHANICAL PROPERTIES	PASS	
ISO 8124-8:2016 AGE DETERMINATION GUIDELINES	DATA	8.7
EN 71-2:2020 – FLAMMABILITY	PASS	5.1-/
EN 71-3:2019+A1:2021 – MIGRATION OF CERTAIN ELEMENTS	PASS	<u> </u>

For technical enquiries or any other concerns, please contact:

GIC TESTING & INSPECTION SERVICES

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PREPARED BY:

APPROVED BY:

**SUZEN CHONG** 

**EDMUND YAP** 

LABORATORY MANAGER SENIOR VICE PRESIDENT

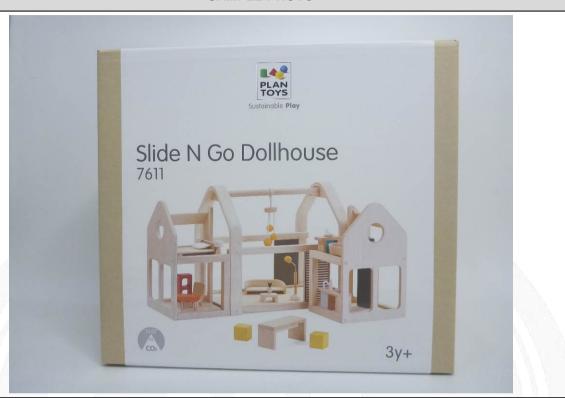
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#### Report No. 010221090068

Dated SEP 24, 2021

#### **SAMPLE PHOTO**













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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: 7611 SLIDE N GO DOLLHOUSE

item bescription. 7611 SLIDE N GO DOLLHOUSE		
Components	Report Number	Date of Issue
EN 71-3:2019+A1:2021 Migration of Certain Elements		·
SOLID WOOD	010221060154	01 Jul 2021
PLYWOOD	010221060154	01 Jul 2021
MDF WOOD	010221070152	26 Jul 2021
WHITE COATING ON WOOD	010121030124	26 Mar 2021
YELLOW COATING ON WOOD (137C)	010121020067	24 Feb 2021
ORANGE COATING ON WOOD	120120127	30 Dec 2020
YELLOW COATING ON WOOD (1235C)	010221070114	16 Jul 2021
LACQUER COATING ON WOOD	010221060151	01 Jul 2021
BLUE COATING ON WOOD	120120125	30 Dec 2020
WHITE FABRIC	120120133	29 Dec 2020
GREEN FABRIC	010121020081	24 Feb 2021
SPONGE	010221050126	15 Jun 2021
WHITE PLASTIC (PE)	010121020060R1	24 Feb 2021
CREAM CORD	010221070020	12 Jul 2021
WHITE ELASTIC	010221080050	20 Aug 2021
DARK GRAY COATING ON WOOD	010221050023	25 May 2021
LIGHT GRAY COATING ON WOOD	010221060151	01 Jul 2021
DARK BROWN COATING ON WOOD	010221070114	16 Jul 2021
SAWDUST WOOD	010221060153	01 Jul 2021
BLACK SAWDUST	010121010094	25 Jan 2021
BLUE SAWDUST	120120080	18 Dec 2020



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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	7611 SLIDE N GO DOLLHOUSE				

Clause	Requirement	Result	
	<u> </u>	1	
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	NA	
4.8	Points and metallic wires	M	
4.8 e)	Splinters	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 intended to bear the mass of a 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	
4.20.2.2	Close-to-the-ear toys	NA	
4.20.2.3	Table-top or floor toys	NA	
4.20.2.4	Hand-held toys	NA	
4.20.2.5	Toys using headphones or earphones	NA	
4.20.2.6	Rattles	NA	
4.20.2.7	Squeeze toys	NA	
4.20.2.8	Pull-along or push toys	NA	
4.20.2.9	Percussion toys	NA	
4.20.2.10	Wind toys	NA	
4.20.2.11	Cap-firing toys	NA	
4.20.2.12	Voice toys	NA	
4.21	Toys containing a non-electrical heat source	NA	
4.22	Small balls	NA	
4.23	Magnets	NA NA	
4.24	Yo-yo balls	NA NA	
4.25	Toys attached to food	NA NA	
5	Toys intended for children under 36 months	NA NA	
6	Packaging	NA NA	
7	Warning, instructions for use	M	

Note:

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

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

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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

#### ISO 8124-8:2016 Age Determination Guidelines

**Test Method**: Reference to ISO 8124-8:2016.

Claimed Age Grade	Recommended Age Grade	
3Y+	3Y+	

#### EN 71-2:2020 - Flammability

Test Method : Reference to EN 71-2:2020

Test Item(s)	Item / Component Description(s)
1	7611 SLIDE N GO DOLLHOUSE

Subclause	Requirement	Result	
4.1	General requirement	PASS	
7 7 7 7	Celluloid (cellulose nitrate)	NP	

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

#### EN 71-3:2019+A1:2021 - Migration of Certain Elements

Test Method : Reference to BS EN 71-3:2019+A1:2021 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)
1	SOLID WOOD
2	PLYWOOD
3	MDF WOOD
4	WHITE COATING ON WOOD
5	YELLOW COATING ON WOOD (137C)
6	ORANGE COATING ON WOOD
7	YELLOW COATING ON WOOD (1235C)
8	LACQUER COATING ON WOOD
9	BLUE COATING ON WOOD
10	WHITE FABRIC
11	GREEN FABRIC
12	SPONGE
13	WHITE PLASTIC (PE)
14	CREAM CORD
15	WHITE ELASTIC
16	DARK GRAY COATING ON WOOD
17	LIGHT GRAY COATING ON WOOD
18	DARK BROWN COATING ON WOOD
19	SAWDUST WOOD
20	BLACK SAWDUST
21	BLUE SAWDUST

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

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

-	Unit	Req.			Result		
Test Item(s)	-	_	1	2	3	4	5
Category Type	-	III	III	III	III	III	III
Aluminium (AI)	mg/kg	28130	ND	ND	31	1021	193
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	109
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	0.04	0.03	0.08	0.16	0.58
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	16	15	53	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	3.29
Organic tin	mg/kg	12	ND	ND	ND	ND	ND
Zinc (Zn)	mg/kg	46000	ND	ND	19	25	ND
Conclusion	2		PASS	PASS	PASS	PASS	PASS

	Unit	Req.			Result		
Test Item(s)	- "	è	6	7	8	9	10
Category Type	P	III	i i iii	· III	III	III Ass.	III
Aluminium (AI)	mg/kg	28130	224	40	ND	209	ND
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	180	ND
Boron (B)	mg/kg	15000	ND	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	17	5.9	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	460	0.68	0.5	2.63	0.87	ND
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	1.17	ND	ND	ND	ND
Manganese (Mn)	mg/kg	15000	ND	11	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	1.5	ND
Organic tin	mg/kg	12	ND	ND	ND	ND	ND
Zinc (Zn)	mg/kg	46000	13	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS



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

-	Unit	Req.			Result		
Test Item(s)	-	-	11	12	13	14	15
Category Type	-	III	Ш	III	III	III	III
Aluminium (AI)	mg/kg	28130	384	ND	ND	ND	ND
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	0.19	0.13	ND	ND	0.03
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	1.1	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	ND	ND	ND	ND	26
Conclusion	- //	-	PASS	PASS	PASS	PASS	PASS

	Unit	Req.			Result		
Test Item(s)	-	-	16	17	18	19	20
Category Type	-		6 × 111	III	III	····III	- J III
Aluminium (Al)	mg/kg	28130	222	ND	61	17	ND
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	92	ND	ND
Boron (B)	mg/kg	15000	ND	ND	ND	23	12
Cadmium (Cd)	mg/kg	17	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	460	0.07	0.86	0.62	ND	0.05
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	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	1.66	ND	ND	ND	ND
Organic tin	mg/kg	12	ND	ND	ND	ND	ND
Zinc (Zn)	mg/kg	46000	ND	307	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS



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

-	Unit	Req.	Result		
Test Item(s)	-	-	21		
Category Type	-	III	III		
Aluminium (AI)	mg/kg	28130	707		
Antimony (Sb)	mg/kg	560	ND		
Arsenic (As)	mg/kg	47	ND		
Barium (Ba)	mg/kg	18750	ND		
Boron (B)	mg/kg	15000	ND		
Cadmium (Cd)	mg/kg	17	ND		
Chromium III (Cr III)	mg/kg	460	1.19		
Chromium VI (Cr VI)	mg/kg	0.053	ND		
Cobalt (Co)	mg/kg	130	ND		
Copper (Cu)	mg/kg	7700	ND		
Lead (Pb)	mg/kg	23	1.43		
Manganese (Mn)	mg/kg	15000	ND		
Mercury (Hg)	mg/kg	94	ND		
Nickel (Ni)	mg/kg	930	ND		
Selenium (Se)	mg/kg	460	ND		
Strontium (Sr)	mg/kg	56000	ND		
Tin (Sn)	mg/kg	180000	ND		
Organic tin	mg/kg	12	ND		
Zinc (Zn)	mg/kg	46000	12		
Conclusion	- /	-	PASS		

#### Note:

mg/kg = milligram per kilogram

- ND = Not Detected
- Reporting limit for Cr (III), Cr (VI) = 0.02 mg/kg, and for Tin and 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 = 10.0 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.

	END OF BEDORT	
Market and the	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.