

Report No. 010121020005R2

Dated DEC 28, 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 26/01/2021

Test Period FROM 26/01/2021 TO 01/02/2021

Sample Description CLATTER - ORCHARD COLLECTION

Product Code 6442

Age Grade 18M+

Manufacturer

Country of Destination

Country of Origin THAILAND

*Report was revised as per client request and shall supersede Report 010121020005R1, dated 03 Mar 2021.

TEST REQUESTED	CONCLUSION	REMARK
EN 71-1:2014+A1:2018 – PHYSICAL AND MECHANICAL PROPERTIES	PASS	5
ISO 8124-8:2016 AGE DETERMINATION GUIDELINES	DATA	7 ,55 /
EN 71-2:2020 – FLAMMABILITY	PASS	
EN 71-3:2019+A1:2021 – MIGRATION OF CERTAIN ELEMENTS	PASS	6) -/

For technical enquiries or any other concerns, please contact:

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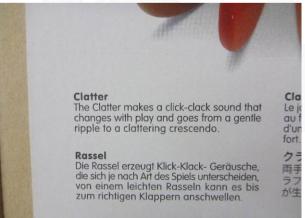
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SAMPLE PHOTO













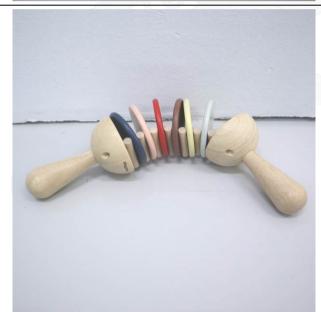
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SAMPLE PHOTO











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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.

Clause	Requirement					
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	NA				
4.8 e)	Splinters	М				
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	M*				
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				
6	Packaging	NA				
7	Warning, instructions for use	M				

Clause	Requirement	Result
4.20	Acoustics	M*
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	M
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

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)

Test Item(s)	6442 Clatter - Orchard Collection			
-	Req.	Unit	Result	
A-weighted time-averaged emission sound pressure level (L _{pA})	90	dB		
C-weighted peak emission sound pressure level (LpCpeak)	110	dB		
Conclusion	-	-	PASS	

ISO 8124-8:2016 Age Determination Guidelines

Test Method : Reference to ISO 8124-8.

Claimed Age Grade	Recommended Age Grade
18M+	18M+

EN 71-2:2020 - Flammability

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

Test Item(s)	Item / Component Description(s)
/ 17 / //	6442 Clatter – Orchard Collection

Subclause	Subclause Requirement		Result	
4.1	General requirement		PASS	
Access to the con-	Celluloid (cellulose nitrate)		NP	

Note:

M = Meet NM = Not Meet NR = Not Requested

NT = Not Tested

NA = Not Applicable NP = Not Present

R = Refer to Comment Section

DNI = Did Not Ignite

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

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

Test Item(s)	Item / Component Description(s)
1	Solid Wood
2	Lacquer Coating On Wood
3	Brown Coating On Wood
4	Light Gray Coating On Wood
5	White Cord
6	Dark Brown Coating On Wood
7	Glue
8	Light Orange Coating On Wood
9	Light Yellow Coating On Wood
10	Dark Blue Coating On Wood
11	Red Coating On Wood

See Soluble Element and its corresponding Maximum Allowable	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
Limit in Result Table	Category III	Coatings, polymeric materials (e.g. plastics), paper, textiles, glass, ceramic, metallic, wood and other solid materials

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TEST RESULT(S): (Continued)

-	Unit	Req.			Result		
Test Item(s)	-	-	1	2	3	4	5
Category Type	-	Ш	III	III	III	III	III
Aluminium (AI)	mg/kg	28130	ND	ND	25	184	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	0.22	0.11	0.20	2.32	0.04
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	1.50	ND	ND
Manganese (Mn)	mg/kg	15000	26	ND	30	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	3.75	ND	ND	ND	ND
Organic tin	mg/kg	12	ND	ND	ND	ND	ND
Zinc (Zn)	mg/kg	46000	10	ND	ND	ND	ND
Conclusion	- /	-	PASS	PASS	PASS	PASS	PASS

	Unit	Req.			Res	sult		
Test Item(s)			6	.7	8	9	10	11
Category Type	-		111	111	111	· · · · · · · · · · · · · · ·	III	III
Aluminium (AI)	mg/kg	28130	ND	ND	ND	ND	2116	11
Antimony (Sb)	mg/kg	560	ND	ND	ND	ND	ND	ND
Arsenic (As)	mg/kg	47	ND	ND	ND	ND	0.60	ND
Barium (Ba)	mg/kg	18750	ND	ND	ND	ND	ND	ND
Boron (B)	mg/kg	15000	14	ND	31	ND	ND	ND
Cadmium (Cd)	mg/kg	17	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	460	ND	0.02	ND	ND	1.10	0.55
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	2.73	ND
Manganese (Mn)	mg/kg	15000	18	ND	21	ND	ND	19
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	473	ND	ND	ND	13	ND
Conclusion	-	-	PASS	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 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.



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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.

