

Report No.: 304151471c 001

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Client: HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD

Contact Information: HAPE INTERNATIONAL(NINGBO)LTD
9-27Nanhai Road, Dagang industrial City, Beilun, Ningbo, China

Test item(s): Toy

Identification/ Refer to detail list

Model No(s):

Sample obtaining method: Sending by customer

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2025-12-09

Testing Period: 2025-12-09 to 2025-12-18

Place of testing: Chemical laboratory Suzhou, Toys laboratory Suzhou

Test Specification:

Please refer to "Test Result Summary List" on page 2 for details

Other information:

Country of origin: China

Packaging provided: Yes

The provided age grade of the item: For 18 to 36 months.

The appropriate age grade of the item: For 18 to 36 months.

The item was tested for 18 to 36 months.

For and on behalf of
TÜV Rheinland (Suzhou) Co., Ltd.



2025-12-18

Date

Fion Xie / Assistant Manager

Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.

This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

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Test Result Summary :**Test Specification:****Test result:**

Customer's requirement:

1 AS/NZS ISO 8124.1:2023 Safety aspects related to mechanical and physical properties	PASS
2 AS/NZS ISO 8124.2: 2023 Flammability	PASS
3 AS/NZS ISO 8124.3:2021 Amd 1:2023 - Migration of Certain Elements	PASS



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Item NO. (货号)	Item Description EN (英文品名)	Item Description CN (中文名)	Age (年龄)
E0534,E0534A	Tree of Life Maze Puzzle	生命之树磁力迷宫	2-4Y
E0538,E0538A	Museum Nesting Blocks	大都会博物馆叠叠乐	18-36M



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Material List:

Item: Refer to detail list

Material No.	Material	Color	Location
A001	Whole Product	Multi-color	E0538,E0538A
A002	Whole Product	Multi-color	E0534,E0534A
M001	Paper + printing	Multi-color	E0538,E0538A/Box
M002	Wood	Natural	E0538,E0538A/Solid wood
M003	Coating	Multi-color	E0538,E0538A/On the wood
M004	Wood	Natural	E0534,E0534A/Main body
M005	Plastic	Transparent	E0534,E0534A/Window
M006	Plastic	Green	E0534,E0534A/Pin
M007	Plastic	Beige	E0534,E0534A/Pin
M013	Textile	Green	E0534,E0534A/Rope



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1.AS/NZS ISO 8124.1:2023 Safety aspects related to Mechanical and Physical properties**Test result:**

Test No:	T001
Material No:	A001, A002
4 Requirements	
4.1 General	PASS
4.2 Reasonably foreseeable abuse	PASS
4.3 Material	PASS
4.4 Small Parts	PASS
4.6 Edges	PASS
4.7 Points	PASS
4.11 Cords	PASS*1
4.31 Magnets and magnetic components	PASS*1
Annex B Safety labelling guidelines and manufacturer's markings	PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

Remark:

*1 This clause is only applicable to A002



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2. AS/NZS ISO 8124.2: 2023 Flammability**Test result:**

	Test No:	T001
	Material No.	A001, A002
4.1 General requirements		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.



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3.AS/NZS ISO 8124.3:2021 Amd 1:2023 Safety of toys - Migration of certain elements

Test Method: Test portion was extracted with acid according to AS/NZS ISO 8124.3:2021 Amd 1:2023

Test Result:

Test No.	Material No.	mg/kg								Mass of trace amount (mg)
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se	
		Maximum Permissible Limit of Any Toy Materials except Modelling Clay and finger print								
		60	25	1000	75	60	90	60	500	
		Maximum Permissible Limit of Modelling Clay								
		60	25	250	50	25	90	25	500	
		Maximum Permissible Limit of Finger paint								
		10	10	350	15	25	25	10	50	
		RL								
5	5	2.5	2.5	2.5	2.5	2.5	10			
T001	M001	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-
T002	M002	< RL	< RL	8.8	< RL	< RL	< RL	< RL	< RL	-
T003	M003	< RL	< RL	15.5	< RL	< RL	< RL	< RL	< RL	-
T004	M004	< RL	< RL	7.8	< RL	< RL	< RL	< RL	< RL	-
T005	M005	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-
T006	M006	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-
T007	M007	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-
T008	M013	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	-

Abbreviation: < = less than
 RL = Reporting Limit
 mg/kg = milligram per kilogram

Remark:

* Migration results of eight elements shown are the adjusted analytical results:

Element	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Analytical Correction (in %)	60	60	30	30	30	30	50	60

** According to AS/NZS ISO 8124.3:2021 Amd 1:2023, if the weight of a test portion of toy material is less than 10 mg, the analysis of migration of certain elements would not be required. If the weight of a test portion of toy material is between 10 mg and 100 mg, the analytical results would be calculated as though 100mg of the test portion had been used.



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Sample Photos



E0538,E0538A



E0538,E0538A



E0534,E0534A



E0534,E0534A

- END -



