



Test Report

Report No. A225028282111602R3

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**Company Name
shown on Report**

NINGBO GUDONG CREATIVITY TECHNOLOGY CO., LTD

Address20F EURO BUSINESS BUILDING, NO.98 TIANGAO STREET SOUTH BUSINESS
CENTRE, YINZHOU DISTRICT, NINGBO, ZHEJIANG, CHINA.

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	6 colors modeling dough and tool set
Supplier	Ningbo Miro toys Co., Ltd Add: No.39, Lane 321, Tongning Road, Jiangbei District, Ningbo City, Zhejiang, China
Client Specified Age Grading	2+ YEARS
Labeled Age Grading	NOT STATED
Age Group Applied in Testing	2+ YEARS
Sample Received Date	Jun. 16, 2025
Sample Resubmitted Date	Jun. 18, 2025
Further Information Date	Jun. 20, 2025
Testing Period	Jun. 16, 2025 to Jun. 23, 2025

Test Conducted:

As requested by the Company Name shown on Report . For details refer to next page(s)

Chen Kaimin
Authorized Signatory

Date Jul. 1, 2025

No. T755761594

Centre Testing International Pinbiao(Shanghai) Co., Ltd. No.1351, Wanfang Road, Minhang District, Shanghai, China

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Executive Summary:

TEST REQUEST

- 1) European Standard on Safety of Toys
 - EN 71-1:2014+A1:2018(E) Mechanical and Physical Properties
 - EN 71-2:2020 Flammability of Toys
 - Labeling requirement (Washing Label, CE mark, Manufacture/Importer mark and product identification)—Directive 2009/48/EC Safety of toys
- 2) Toy Safety Directive 2009/48/EC with amendment(s)
 - Formaldehyde
- 3) Annex XVII of European regulation (EC) No. 1907/2006 (REACH) with Amendment(s)
 - Cadmium and its compounds
 - Polycyclic Aromatic Hydrocarbons (PAHs)
 - Phthalates in plasticized materials

CONCLUSION

PASS

PASS

**REFER TO
NEXT PAGES**

PASS

PASS

PASS

PASS

***** For further details, please refer to the following page(s)*****

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1) European Standard on Safety of Toys**▼ Mechanical and physical properties**

As specified in European Standard on Safety of Toys EN 71-1:2014+A1:2018 (E)

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	General requirements	
4.1	Material cleanliness.....	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
5	Toys intended for children under 36 months	
5.1	General requirements.....	Pass

▼ Flammability of Toys

As specified in European Standard on Safety of Toys EN 71-2: 2020.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	Requirements	
4.1	General	Pass
(The following materials shall not be used in the manufacture of toys except as provided in EN 71-2:2020 :		
Celluloid, highly flammable solids, materials with a piled surface which produce surface flash, flammable gases, extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels.)		

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▼ Labeling requirement (Washing/Cleaning instruction, CE mark, importer / manufacturer name and address, product identification) according to the Directive 2009/48/EC – Safety of toys

Summary table:

	Observation Result	Location
Washing / Cleaning instruction	Found	Packaging
CE mark	Found	Packaging
Importer's Name & Address	Found	Packaging
Manufacturer's Name & Address	Found	Packaging
Product ID	Found	Packaging

Note:

①: A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy shall, to this end, be washable, except if it contains a mechanism that may be damaged if soaked. The toy shall fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.

②: Toys made available on the market must bear the CE marking. The CE marking must be subject to the general principle set out in Article 30 of Regulation (EC) NO 765/2008. The CE marking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging. In the case of small toys and toys consisting of small parts, the CE marking may alternatively be affixed to a label or an accompanying leaflet. Where, in the case of toys sold in counter displays, that is not technically possible, and on condition that the counter display was originally used as packaging for the toy, the CE marking may be affixed to the counter display. Where the CE marking is not visible from outside the packaging, if any, it shall as a minimum be affixed to the packaging. Where specific legislation does not impose specific dimensions, the CE marking must be at least 5 mm high.

③: The manufacturer's name registered trade name or registered trade mark and the address at which the manufacture can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy. This requirement applies also to the name and address etc. of any importer.

④: Manufacturer must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

Remark:

The evaluation or testing related to packaging or labeling is based on the artwork submitted by the applicant rather than on the actual sample of packaging or labeling.

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2) Toy Safety Directive 2009/48/EC with amendment(s)**▼ Formaldehyde**

As specified in Toy Safety Directive 2009/48/EC with amendment (EU) 2019/1929, method(s) EN 71-10:2005&EN 71-11:2005 was/were used, and the item(s) was/were analyzed by HPLC.

<u>Tested Item(s)</u>	<u>Result (mg/L)</u>			<u>MDL</u> (mg/L)	<u>Client's Limit</u> (mg/L)
	006	007	008		
Formaldehyde	N.D.	N.D.	N.D.	0.5	1.5

<u>Tested Item(s)</u>	<u>Result (mg/L)</u>			<u>MDL</u> (mg/L)	<u>Client's Limit</u> (mg/L)
	009	010	011		
Formaldehyde	N.D.	N.D.	N.D.	0.5	1.5

<u>Tested Item(s)</u>	<u>Result (mg/L)</u>			<u>MDL</u> (mg/L)	<u>Client's Limit</u> (mg/L)
	012	013	014		
Formaldehyde	N.D.	N.D.	N.D.	0.5	1.5

<u>Tested Item(s)</u>	<u>Result</u> (mg/L)	<u>MDL</u> (mg/L)	<u>Client's Limit</u> (mg/L)
	015		
Formaldehyde	N.D.	0.5	1.5

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/L = milligram per liter

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3) Annex XVII of European regulation (EC) No. 1907/2006 (REACH) with Amendment(s)**▼ Cadmium and its compounds**

Entry 23, annex XVII of European regulation (EC) No. 1907/2006 (REACH) with amendments No. 552/2009 & (EU) 2016/217

Test Method: EN 1122:2001 method B; Test Equipment: ICP-OES

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>		<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001+002+003	004+005		
Cadmium (Cd)	N.D.	N.D.	2	1000

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	006+007	008+009	010+011+012		
Cadmium (Cd)	N.D.	N.D.	N.D.	2	100

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	013+014+015	016+017+018	019+020+021		
Cadmium (Cd)	N.D.	N.D.	N.D.	2	100

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit for composite test should be divided by the mixed number.

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▼ Polycyclic Aromatic Hydrocarbons (PAHs)

Entry 50, annex XVII of European regulation (EC) No.1907/2006 (REACH) with amendments No.552/2009 & (EU) 2021/1199

Test Method: AfPS GS 2019:01 PAK; Test Equipment: GC-MS

Tested Item(s)	CAS No.	Result (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
		006+007	008+009	010+011		
Benzo[a]anthracene	56-55-3	N.D.	N.D.	N.D.	0.2	0.5
Chrysene	218-01-9	N.D.	N.D.	N.D.	0.2	0.5
Benzo[b]fluoranthene	205-99-2	N.D.	N.D.	N.D.	0.2	0.5
Benzo[k]fluoranthene	207-08-9	N.D.	N.D.	N.D.	0.2	0.5
Benzo[a]pyrene	50-32-8	N.D.	N.D.	N.D.	0.2	0.5
Dibenzo[a,h]anthracene	53-70-3	N.D.	N.D.	N.D.	0.2	0.5
Benzo[j]fluoranthene	205-82-3	N.D.	N.D.	N.D.	0.2	0.5
Benzo[e]pyrene	192-97-2	N.D.	N.D.	N.D.	0.2	0.5

Tested Item(s)	CAS No.	Result (mg/kg)		MDL (mg/kg)	Limit (mg/kg)
		012+013	014+015		
Benzo[a]anthracene	56-55-3	N.D.	N.D.	0.2	0.5
Chrysene	218-01-9	N.D.	N.D.	0.2	0.5
Benzo[b]fluoranthene	205-99-2	N.D.	N.D.	0.2	0.5
Benzo[k]fluoranthene	207-08-9	N.D.	N.D.	0.2	0.5
Benzo[a]pyrene	50-32-8	N.D.	N.D.	0.2	0.5
Dibenzo[a,h]anthracene	53-70-3	N.D.	N.D.	0.2	0.5
Benzo[j]fluoranthene	205-82-3	N.D.	N.D.	0.2	0.5
Benzo[e]pyrene	192-97-2	N.D.	N.D.	0.2	0.5

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit for composite test should be divided by the mixed number.

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▼ Phthalates in plasticized materials

Entry 51 & entry 52, annex XVII of European regulation (EC) No. 1907/2006 (REACH) with amendment No.552/2009 & No 2015/326 & (EU) 2018/2005

Test Method: Refer to EN 14372:2004(E); Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001+002+003	004+005	006+007		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	50	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	50	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	50	1000
Di-isobutyl Phthalate (DIBP)	N.D.	N.D.	N.D.	50	1000
SUM(DEHP+DBP+BBP+DIBP)	N.D.	N.D.	N.D.	--	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	50	--
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	50	--
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	50	--
SUM(DINP+DNOP+DIDP)	N.D.	N.D.	N.D.	--	1000

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	008+009	010+011+012	013+014+015		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	50	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	50	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	50	1000
Di-isobutyl Phthalate (DIBP)	N.D.	N.D.	N.D.	50	1000
SUM(DEHP+DBP+BBP+DIBP)	N.D.	N.D.	N.D.	--	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	50	--
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	50	--
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	50	--
SUM(DINP+DNOP+DIDP)	N.D.	N.D.	N.D.	--	1000

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Tested Item(s)	Result (mg/kg)		MDL (mg/kg)	Limit (mg/kg)
	016+017+018	019+020+021		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	50	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	50	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	50	1000
Di-isobutyl Phthalate (DIBP)	N.D.	N.D.	50	1000
SUM(DEHP+DBP+BBP+DIBP)	N.D.	N.D.	--	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	50	--
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	50	--
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	50	--
SUM(DINP+DNOP+DIDP)	N.D.	N.D.	--	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- 1000 mg/kg = 0.1%
- The limit for composite test should be divided by the mixed number.

Note:

- This testing report revised "Formaldehyde's standard" based on the original report of No. A225028282111602R2. This testing report displaces the original one which was invalid since the date of this testing report released.

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Tested Sample/Part Description

No.	CTI Sample ID	Description
1	001	Black coating
2	002	White coating
3	003	Green coating
4	004	Pink coating
5	005	Red coating
6	006	Purple plastic
7	007	Green plastic
8	008	Orange plastic
9	009	Orange red plastic
10	010	Orange plastic(box)
11	011	Red plastic(box)
12	012	Pink plastic(box)
13	013	Blue plastic(box)
14	014	Yellow plastic(box)
15	015	Green plastic(box)
16	016	Orange dough
17	017	Red dough
18	018	Pink dough
19	019	Blue dough
20	020	Yellow dough
21	021	Green dough

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Photo(s) of the sample(s)



Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full.

*** End of Report ***