



Test Report

No.: 70.452.20.13328.01

Date: 2020-11-17



Applicant: NINGBO MIDEER TOYS CO.,LTD.
Address: RM501,BUILDING NO.1,YIDU CULTURE SQUARE, HAISHU DISTRIC, NINGBO, ZHEJIANG
Sample Description: MD1111 STORY DISC-1 MD1112 STORY DISC-2 MD1113 STORY DISC-3
Receipt Date of Sample: 2020-11-10
Date of Testing: 2020-11-11 to 2020-11-17
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages.

Test Item(s):	Conclusion:
1. EN 71-1:2014+A1:2018 Mechanical and Physical Properties	Pass
2. EN 71-2:2011+A1:2014 Flammability	Pass
3. EN 71-3:2019 Migration of certain elements	Pass

Remark: 1). MDL= Method Detection Limit;
 2). ND = Not Detected (<MDL);
 3). "<" = Less than;
 4). 1 mg/kg = 1 ppm = 0.0001%

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch Testing Center

Prepared by:

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- (4) Disclaimer Measurement Uncertainty: Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.



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Description of Tested Subject:

Sample	Description	Photo
A	MD1111 STORY DISC-1 MD1112 STORY DISC-2 MD1113 STORY DISC-3	

Specimen Description	
001	Colorful paper (all)
002	Orange plastic (A/C)
003	Blue plastic (A)
004	Purple plastic (A)
005	Yellow plastic (A)
006	Light brown plastic (B)
007	Light purple plastic (B)
008	Light pink plastic (B)
009	Light blue plastic (B)
010	Dark blue plastic (C)
011	Green plastic (C)
012	Orange red plastic (C)
013	Transparent soft plastic with colorful coating (film, all)



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Test Result(s):

Age range and Labelling requirements

Item	Requirement – test item	Results, remarks
1	Age range	Labelled age range: Not stated Requested age range: 3+ Age range in testing: Over 3 years
2	Labelling requirement (Washing/Cleaning instruction, CE marking, Importer / Manufacturer name and address, Product identification) according to the Directive 2009/48/EC-Safety of toys.	
2.1	CE marking	Result (On Product): Absent Result (On Package): Present
2.2	Manufacturer's Name and Address	Result (On Product): Absent Result (On Package): Present
2.3	Importer's Name and Address	Result (On Product): Absent Result (On Package): Absent
2.4	Product Identification	Result (On Product): Absent Result (On Package): Present
2.5	The following marking shall be fulfilled.	
2.5.1	The CE marking is subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008. The CE marking shall be affixed visibly, legibly and indelibly to the toy, to an affixed label to the packaging, or to the counter display.	
2.5.2	The manufacturer's name and address, importer's name and address in the EU shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.	
2.5.3	The toys shall 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.	



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1. EN 71-1:2014+A1:2018 Mechanical and physical properties

Item	Requirement – test item	Results, remarks	Evaluation
4	General requirements		/
4.1	Material cleanliness		P
4.7	Edges		P
4.8	Points and metallic wires		P
7	Warnings, markings and instructions for use		/
7.1	General		P
7.2	Warnings - toys not intended for children under 36 months		P

2. EN 71-2:2011+A1:2014 Flammability

Item	Requirement – test item	Results, remarks	Evaluation
4.1	General requirements		P

Abbreviation: P=Pass; F=Fail; N/A = Not Applicable; N/T=Not Tested; N/R=Not Requested; / = slash symbol

Note: Only applicable clauses were shown.



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3. EN 71-3:2019 Migration of certain elements

Test with reference to EN 71-3:2019, determination by ICP-MS.

Test Item	Limit in scraped-off toy materials [mg/kg]	MDL [mg/kg]	Result(s) [mg/kg]					
			001	002	003	004	005	006
Soluble Aluminum	28130	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Antimony	560	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Arsenic	47	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Barium	18750	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Boron	15000	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Cadmium	17	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Chromium III	460	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Soluble Chromium VI	0.053	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Soluble Cobalt	130	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Copper	7700	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Lead	23	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Manganese	15000	5.00	5.22	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Mercury	94	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Nickel	930	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Selenium	460	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Strontium	56000	5.00	34.8	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Tin	180000	2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
Organic Tin	12	7.50	<7.50	<7.50	<7.50	<7.50	<7.50	<7.50
Soluble Zinc	46000	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Conclusion			Pass	Pass	Pass	Pass	Pass	Pass



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Test Item	Limit in scraped-off toy materials [mg/kg]	MDL [mg/kg]	Result(s) [mg/kg]					
			007	008	009	010	011	012
Soluble Aluminum	28130	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Antimony	560	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Arsenic	47	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Barium	18750	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Boron	15000	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Cadmium	17	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Chromium III	460	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Soluble Chromium VI	0.053	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Soluble Cobalt	130	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Copper	7700	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Lead	23	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Manganese	15000	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Mercury	94	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Nickel	930	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Selenium	460	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Strontium	56000	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Tin	180000	2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
Organic Tin	12	7.50	<7.50	<7.50	<7.50	<7.50	<7.50	<7.50
Soluble Zinc	46000	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Conclusion			Pass	Pass	Pass	Pass	Pass	Pass



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Test Item	Limit in scraped-off toy materials [mg/kg]	MDL [mg/kg]	Result(s) [mg/kg]
			013
Soluble Aluminum	28130	5.00	<5.00
Soluble Antimony	560	5.00	<5.00
Soluble Arsenic	47	5.00	<5.00
Soluble Barium	18750	5.00	<5.00
Soluble Boron	15000	5.00	<5.00
Soluble Cadmium	17	5.00	<5.00
Soluble Chromium III	460	0.04	<0.04
Soluble Chromium VI	0.053	0.04	<0.04
Soluble Cobalt	130	5.00	<5.00
Soluble Copper	7700	5.00	<5.00
Soluble Lead	23	5.00	<5.00
Soluble Manganese	15000	5.00	<5.00
Soluble Mercury	94	5.00	<5.00
Soluble Nickel	930	5.00	<5.00
Soluble Selenium	460	5.00	<5.00
Soluble Strontium	56000	5.00	<5.00
Soluble Tin	180000	2.50	<2.50
Organic Tin	12	7.50	<7.50
Soluble Zinc	46000	5.00	<5.00
Conclusion			Pass

-End of Test Report-