

TEST REPORT

Report No.: YW202606047501E

Date: Jul. 31, 2026

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Applicant : Mid Ocean Brands B.V.
Address : Unit 711-716, 7/F., Tower A, 83 King Lam Street
Cheung Sha Wan, Kowloon, Hong Kong

Below information was/were submitted and identified by the applicant:

Product Name : Tower game in cotton pouch
Model : MO9574
Main material : /
Manufacturer info. : /
Supplier info. : 107961
Buyer info. : /
Labeled Age Grading : Not stated
Laboratory recommended age grade : 3+ years
Age Grading for Test : 3+ years

Sample Received : Jun. 30, 2026
Test Period : Jun. 30, 2026 - Jul. 27, 2026
Test Requested : Refer to next pages
Test Method(s) : Refer to next pages
Test Result(s) : Refer to next pages

Tested By:

Lyra Jin
Lyra Jin

Reviewed By:

Ally Lu
Ally Lu

Approved By:



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RESULT SUMMARY

As requested by the client, according to European Directive 2009/48/EC and its subsequent amendments, test items as below:

Test Item(s)	Conclusion
1. Mechanical and Physical Properties according to EN71 Part 1: 2026	PASS
2. Flammability according to EN71-2:2020+A1:2025	PASS
3. Migration of certain elements according to EN 71 Part 3:2019+A2:2024	PASS
4. PCP content according to Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants (POPs) and its subsequent amendments regulation.	PASS
5. AZO content-Regulation (EC) No.1907/2006, REACH Annex XVII (entry 43)	PASS
6. Color Fastness to Rubbing-Client's Requirement	PASS
7. Formaldehyde release-Regulation (EC) No.1907/2006, REACH Annex XVII (entry 77)	PASS

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TEST PART DESCRIPTION

- 1# Whole product
- 2# Wood base material
- 3# Beige drawstring
- 4# Beige fabric bag body
- 5# Beige drawstring + Beige fabric bag body

TEST RESULT(S)

1. Mechanical and Physical Properties-EN 71 Part 1:2026

Test Items		Test Results
		1#
4.1	Material cleanliness	PASS
4.2	Assembly	N/A
4.3	Flexible plastic sheeting	N/A
4.4	Toy bags	N/A
4.5	Glass	N/A
4.6	Expanding materials	N/A
4.7	Edges	PASS
(a)	Edges of metal or glass	N/A
(b)	Overlap joints	N/A
(c)	Edges of metal and of rigid polymeric material	N/A
(d)	Functional edges	N/A
4.8	Points and wires	PASS
(a)	Points	PASS
(b)	Sharp functional points	N/A
(c)	Metallic wires intended to be bent	N/A
(d)	Metallic wires not designed to be bent	N/A
(e)	Splinters on surfaces and accessible edges of toys	N/A
4.9	Protruding parts	N/A
4.10	Parts moving against each other	N/A
4.10.1	Folding and slide mechanism	N/A
4.10.2	Driving mechanisms	N/A
4.10.3	Hinges	N/A
4.10.4	Springs	N/A
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys	N/A

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4.14	Enclosures	N/A
4.14.1	Toys which a children can enter	N/A
4.14.2	Toys that fully enclose the head	N/A
4.14.3	Rigid materials covering the face	N/A
4.14.4	Imitation protective masks and helmets	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.15.1	Toy scooters	N/A
4.15.2	Toy balance bikes	N/A
4.15.3	Toy bicycles	N/A
4.15.4	Single-track ride-on toys with apparent stability	N/A
4.15.5	Multi-track ride-on toys	N/A
4.15.6	Toy roller skates and toy inline skates	N/A
4.15.7	Other non-wheeled ride-on toys	N/A
4.15.8	Electrically-driven ride-on toys	N/A
4.15.9	Rocking horses and other rocking toys	N/A
4.15.10	Toys not propelled by a child	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectiles toys	N/A
4.17.1	General	N/A
4.17.2	All projectiles	N/A
4.17.3	Projectile toys with stored energy	N/A
4.17.4	Certain projectile toys without stored energy	N/A
4.18	Aquatic toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	N/A
4.20	Acoustics	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small balls	N/A
4.23	Magnets	N/A
4.23.1	General	N/A
4.23.2	Toys other than magnetic/electrical experimental sets intended for children over 8years	N/A
4.23.3	Magnetic/electrical experimental sets intended for children over 8 years	N/A
4.24	Yo-yo balls	N/A
4.25	Toys attached to food	N/A

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4.26	Toy disguise costumes	N/A
4.27	Flying toys	N/A
4.28	Food-imitating toys	N/A

Test Items		Test Results
		1#
5.	Toys intended for children under 36 months	
5.1	General requirements	N/A
(a)	Toys and removable components of toys shall not, whatever their position, fit entirely in the cylinder	N/A
(b)	When tested toys shall not produce any parts which, whatever their position, fit entirely in the cylinder, or exhibit accessible hazardous sharp edges or accessible hazardous sharp points	N/A
(c)	Metal points and wires with a cross section of 2 mm or less	N/A
(d)	Large and bulky toys	N/A
(e)	Glued wooden toys, glued wooden components of toys and toys with glued-on plastic decals	N/A
(f)	The casing of toys	N/A
(g)	For foam toys and toys containing accessible foam components	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
(a)	Hard and sharp contaminants	N/A
(b)	Soft-filled toys and soft-filled parts of a toy containing small parts	N/A
(c)	fibrous filling material	N/A
5.3	Plastic sheeting	N/A
5.4	Cord, chains and electrical cables in toys	N/A
5.4.1	General	N/A
5.4.2	Cords and chains in toys intended for children under 18 months	N/A
5.4.3	Cords and chains in toys intended for children of 18 months or over but under 36 months	N/A
5.4.4	Fixed loops, tangled loops and nooses	N/A
5.4.5	Cords and chains on pull along toys	N/A
5.4.6	Electrical cables	N/A
5.4.7	Cross-sectional dimension of certain cords	N/A
5.4.8	Self-retracting cords	N/A
5.4.9	Toys attached to or intended to be strung across a cradle, cot or perambulator	N/A
5.5	Liquid-filled toys	N/A

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5.6	Speed limitation of electrically-driven ride-on toys	N/A
5.7	Glass and porcelain	N/A
5.8	Shape and size of certain toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small balls	N/A
5.11	Play figures	N/A
5.12	Hemispheric-shaped toys	N/A
5.13	Suction cups	N/A
5.14	Straps intended to be worn fully or partially around the neck	N/A
5.15	Sledges with cords for pulling	N/A

Test Items	Test Results
	1#
6. Packaging	N/A

Test Items	Test Results
	1#
7. Warnings, markings and instructions for use Tracking information [CE mark, importer / manufacturer mark (name, address), product identification]	Present
7.1 General	PASS
7.2 Toys not intended for children under 36 months	PASS
7.3 Latex balloons	N/A
7.4 Aquatic toys	N/A
7.5 Functional toys	N/A
7.6 Hazardous sharp functional edges and points	N/A
7.7 Projectiles toys	N/A
7.8 Imitation protective masks and helmets	N/A
7.9 Toy kites	N/A
7.10 Toys intended to be strung across a cradle,cot,or perambulator	N/A
7.11 Liquid-filled teethingers	N/A
7.12 Percussion caps specifically designed for use in toys	N/A
7.13 Acoustics	N/A
7.14 Toys intended to bear the mass of a child	N/A
7.15 Toys comprised of monofilament fibres	N/A
7.16 Magnetic/electrical experimental sets	N/A
7.17 Toys with electrical cables exceeding 300 mm in length	N/A

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7.18	Toys with cords or chains intended for children of 18months and over but under 36 months	N/A
7.19	Toys intended to be attached to a cradle, cot or perambulator	N/A
7.20	Sledges with cords for pulling	N/A
7.21	Flying toys	N/A
7.22	Improvised projectiles	N/A

Remark: It is drawn to your attention that the product identification number, name and address of manufacturer and importer in EEC country together with CE-marking should appear as specified in Directive-2009/48/EC-Safety of toys.

2. Flammability-EN 71 Part 2:2020+A1:2025

Test Items	Test Results
	1#
4.1 General requirements	PASS
4.2 Toys to be worn on the head	N/A
4.3 Toy disguise costumes and toys intended to be worn by a child in play	N/A
4.4 Toys intended to be entered by a child	N/A
4.5 Soft-filled toys	N/A

***** To be continued *****

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3. Migration of certain elements

Test Method: With reference to:

Extractable Chromium (VI): With reference to EN 71-3:2019+A2:2024, analysis was performed by IC-ICP-MS.

Extractable Chromium (III): With reference to EN 71-3:2019+A2:2024, calculated by subtracting the Chromium (VI) concentration from the total chromium concentration.

Other Elements: With reference to EN 71-3:2019+A2:2024, analysis was performed by ICP-MS.

Extractable Organic Tin: With reference to EN 71-3:2019+A2:2024, analysis was performed by GC-MS.

Test Items	Unit	MDL	Test Results			Category III
			2#	3#	4#	
Extractable Lead (Pb)	mg/kg	0.5	N.D.	N.D.	N.D.	23
Extractable Antimony (Sb)	mg/kg	5	N.D.	N.D.	N.D.	560
Extractable Arsenic (As)	mg/kg	0.5	N.D.	N.D.	N.D.	47
Extractable Barium (Ba)	mg/kg	50	N.D.	N.D.	N.D.	18750
Extractable Cadmium (Cd)	mg/kg	0.3	N.D.	N.D.	N.D.	17
Extractable Chromium (III) (Cr III)	mg/kg	5	N.D.	N.D.	N.D.	460
Extractable Chromium (VI)(Cr VI)	mg/kg	0.02	N.D.	N.D.	N.D.	0.053
Extractable Mercury (Hg)	mg/kg	1	N.D.	N.D.	N.D.	94
Extractable Selenium (Se)	mg/kg	5	N.D.	N.D.	N.D.	460
Extractable Boron (B)	mg/kg	50	N.D.	N.D.	N.D.	15000
Extractable Cobalt (Co)	mg/kg	0.5	N.D.	N.D.	N.D.	130
Extractable Manganese (Mn)	mg/kg	50	130	N.D.	N.D.	15000
Extractable Strontium (Sr)	mg/kg	50	N.D.	N.D.	N.D.	56000
Extractable Tin (Sn)	mg/kg	5	N.D.	N.D.	N.D.	180000
Extractable Zinc (Zn)	mg/kg	50	N.D.	N.D.	N.D.	46000
Extractable Copper (Cu)	mg/kg	50	N.D.	N.D.	N.D.	7700
Extractable Aluminum (Al)	mg/kg	50	N.D.	N.D.	N.D.	28130
Extractable Nickel (Ni)	mg/kg	10	N.D.	N.D.	N.D.	930
Extractable Organic Tin	mg/kg	0.02	N.D.	N.D.	N.D.	12

***** To be continued *****

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Limited Value for migration of certain elements:

Test Items	Unit	Limit Value		
		Category I	Category II	Category III
Extractable Lead (Pb)	mg/kg	2.0	0.5	23
Extractable Antimony (Sb)	mg/kg	45	11.3	560
Extractable Arsenic (As)	mg/kg	3.8	0.9	47
Extractable Barium (Ba)	mg/kg	1500	375	18750
Extractable Cadmium (Cd)	mg/kg	1.3	0.3	17
Extractable Chromium (III) (Cr III)	mg/kg	37.5	9.4	460
Extractable Chromium (VI) (Cr VI)	mg/kg	0.02	0.005	0.053
Extractable Mercury (Hg)	mg/kg	7.5	1.9	94
Extractable Selenium (Se)	mg/kg	37.5	9.4	460
Extractable Boron (B)	mg/kg	1200	300	15000
Extractable Cobalt (Co)	mg/kg	10.5	2.6	130
Extractable Manganese (Mn)	mg/kg	1200	300	15000
Extractable Strontium (Sr)	mg/kg	4500	1125	56000
Extractable Tin (Sn)	mg/kg	15000	3750	180000
Extractable Zinc (Zn)	mg/kg	3750	938	46000
Extractable Copper (Cu)	mg/kg	622.5	156	7700
Extractable Aluminum (Al)	mg/kg	2250	560	28130
Extractable Nickel (Ni)	mg/kg	75	18.8	930
Extractable Organic Tin	mg/kg	0.9	0.2	12

Remark: The Limit value is based on European Directive 2009/48/EC and its subsequent amendments and EN 71-3:2019+A2:2024.

Category I: Dry, brittle, powder-like or pliable materials

Category II: Liquid or sticky materials

Category III: Scrapped-off materials

***** To be continued *****

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4. Pentachlorophenol (PCP) Content

Test Method: With reference to EPA 3550C:2007&EPA 8270E:2018, analysis was performed by GC-MS.

Test Item	Unit	MDL	Test Result(s)	Limit
			2#	
Pentachlorophenol (PCP)	mg/kg	0.05	N.D.	5

Remark: The above limited value was quoted according to Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants (POPs) and its subsequent amendments regulation.

5. AZO Content

Test Method: With reference to EN ISO 14362-1:2017 and EN ISO 14362-3:2017, analysis was performed by GC-MS.

Test Items		MDL (mg/kg)	Test Results (mg/kg)	Limit (mg/kg)
CAS No.	prohibitive aromatic amines		5#▲	
92-67-1	4-Aminobiphenyl	5	N.D.	30
92-87-5	Benzidine	5	N.D.	30
95-69-2	4-Chloro-o-toluidine	5	N.D.	30
91-59-8	2-Naphthylamine	5	N.D.	30
97-56-3	O-Aminoazotoluene	5	N.D.	30
99-55-8	5-nitro-o-toluidine	5	N.D.	30
106-47-8	4-Chloroaniline	5	N.D.	30
615-05-4	4-methoxy-m-phenylenediamine	5	N.D.	30
101-77-9	4,4'-methylenedianiline	5	N.D.	30
91-94-1	3,3'-Dichlorobenzidine	5	N.D.	30
119-90-4	3,3'-Dimethoxybenzidine	5	N.D.	30
119-93-7	3,3'-Dimethylbenzidine	5	N.D.	30
838-88-0	4,4'-methylenedi-o-toluidine	5	N.D.	30
120-71-8	P-Cresidine	5	N.D.	30
101-14-4	4,4'-Methylene-bis-(2-Chloro-aniline)	5	N.D.	30
101-80-4	4,4'-oxydianiline	5	N.D.	30
139-65-1	4,4'-Thiodianiline	5	N.D.	30
95-53-4	O-Toluidine	5	N.D.	30
95-80-7	4-methyl-m-phenylenediamine	5	N.D.	30

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Test Items		MDL (mg/kg)	Test Results (mg/kg)	Limit (mg/kg)
CAS No.	prohibitive aromatic amines		5#▲	
137-17-7	2,4,5-Trimethylaniline	5	N.D.	30
60-09-03	4-Aminoazobenzene	5	N.D.	30
90-04-0	O-Anisidine	5	N.D.	30

Remark: The above limit value was quoted according to EC Regulation 1907/2006 REACH Annex XVII (entry 43).

6. Color Fastness to Rubbing

Test Method: EN ISO 105-X12:2016

Test Items		Unit	Test Result(s)	Client's Required Limit
			4#	
Color Fastness to Rubbing	Dry	grade	4-5	≥2-3
	Wet	grade	4-5	≥2-3

7. Formaldehyde release

Test method: With reference to EN 717-1:2004, analysis was performed by UV-Vis.

Test Parameter	Unit	MDL	Test Result(s)	Permissible Limit
			2#	
Formaldehyde	mg/m ³	0.040	N.D.	≤0.062

Remark: The above limit value was quoted according to EC Regulation 1907/2006, REACH Annex XVII (entry 77).

- Note:
1. MDL= method detection limit;
 2. N.D. = not detected, < MDL
 3. “▲” =Mixed test

***** To be continued *****

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SAMPLE PHOTO(S)



Tower game in cotton pouch

Statement:

1. This report is considered invalid without approved signature and special seal of the laboratory.
2. The sample(s) and sample(s) information was/were provided by the applicant who should be responsible for the authenticity.
3. The result(s) shown in this report refer(s) only to the sample(s) tested.
4. Without written approval of the laboratory, this report shall not be reproduced except in full. The report is invalid if altered.
5. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in LAC-G8.09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits. The statement of conformity is based on the test results, but does not include the measurement uncertainty.
6. Without prior approval of YACOO WONDER, the client shall not use the testing data and results for improper publicity.

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7. If there is any objection to the report, client shall lodge a complaint with the company on the 15 working days from the date of receipt of the report. No late application will be accepted.

***** END OF REPORT *****

