

## Test report

T-25437811-11-R1



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### Overall result

Pass

Please refer to the following pages for test result summary and notes.

#### Client information

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



#### Sample information

Description: kids sucking towel  
SKU / style #: MO9270  
Country of origin: -  
Country of distribution: Europe  
Material / composition: soft plush, cotton  
Quantity submitted: 4 pcs + a lot parts

Labeled age grade: -  
Requested age grade: All ages  
Tested age grade: All ages  
Vendor code: 118518

#### General information

Sample receipt date: 24-Jul-2025  
Testing period: 25-Jul-2025 to 31-Jul-2025,  
01-Aug-2025 to 12-Aug-2025

Report date: 15-Aug-2025

QIMA (Hangzhou) Testing Co., Ltd.

Eric Liu  
Lab Operation Director

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu  
Chemical Laboratory Manager



QIMA (Hangzhou) Testing Co., Ltd  
Room 401/4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China

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## Result summary

At the request of the client, the following test were conducted:

Test(s) conducted	Conclusion
EN 71-3: 2019+A1:2021 Safety of Toys, Migration of Certain Elements	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles	Pass
Colour Fastness to Rubbing	Pass
EN 71-1:2014+A1:2018 Safety of Toys: Mechanical & Physical Properties (Excepted labeling check as per client's request)	Pass
EN 71-2:2020 Safety of Toys: Flammability	Pass





## Detailed results

### EN 71-3: 2019+A1:2021 Safety of Toys, Migration of Certain Elements

Test Method: EN 71-3:2019+A1:2021  
Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

#### Category III: Scrapped-off materials

Specimen No.	C1	C2	C3	---	RL (mg/kg)	Soluble Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)		
Aluminum (Al)	ND	ND	ND	---	50	28 130
Antimony (Sb)	12	ND	ND	---	10	560
Arsenic (As)	ND	ND	ND	---	10	47
Barium (Ba)	ND	ND	ND	---	50	18 750
Boron (B)	ND	ND	ND	---	50	15 000
Cadmium (Cd)	ND	ND	ND	---	5	17
Chromium III (Cr III)^	ND	ND	ND	---	0.2	460
Chromium VI (Cr VI)^	ND	ND	ND	---	0.05	0.053
Cobalt (Co)	ND	ND	ND	---	10	130
Copper (Cu)	ND	ND	ND	---	50	7 700
Lead (Pb)	ND	ND	ND	---	10	23
Manganese (Mn)	ND	ND	ND	---	50	15 000
Mercury (Hg)	ND	ND	ND	---	10	94
Nickel (Ni)	ND	ND	ND	---	50	930
Selenium (Se)	ND	ND	ND	---	10	460
Strontium (Sr)	ND	ND	ND	---	50	56 000
Tin (Sn)	ND	ND	ND	---	1	180 000
Organic Tin^^	ND	ND	ND	---	3.3	12
Zinc (Zn)	ND	ND	ND	---	50	46 000
<b>Conclusion</b>	Pass	Pass	Pass	---		

**Note:**

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

^Soluble Chromium is reported when the soluble chromium result below the chromium VI limit.

^^ Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.3 mg/kg) or the components were confirmed to be pure metal.





## Detailed results

### Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles

Test Method: EN ISO 14362-1:2017, EN ISO 14362-3:2017  
Analytical Method: Gas Chromatography with Mass Spectrometry, Liquid Chromatography with Diode Array Detection / Liquid Chromatography with Mass Spectrometry

Specimen No.		C1	C2	C3	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
4-aminobiphenyl	92-67-1	ND	ND	ND	---	30
Benzidine	92-87-5	ND	ND	ND	---	30
4-chloro-o-toluidine	95-69-2	ND	ND	ND	---	30
2-naphthylamine	91-59-8	ND	ND	ND	---	30
o-Aminoazotoluene	97-56-3	ND	ND	ND	---	30
5-nitro-o-toluidine	99-55-8	ND	ND	ND	---	30
4-chloroaniline	106-47-8	ND	ND	ND	---	30
2,4-diaminoanisole	615-05-4	ND	ND	ND	---	30
4,4'-methylenedianiline	101-77-9	ND	ND	ND	---	30
3,3'-dichlorobenzidine	91-94-1	ND	ND	ND	---	30
o-dianisidine	119-90-4	ND	ND	ND	---	30
3,3'-dimethylbenzidine	119-93-7	ND	ND	ND	---	30
4,4'-methylenedi-o-toluidine	838-88-0	ND	ND	ND	---	30
p-cresidine	120-71-8	ND	ND	ND	---	30
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	ND	ND	ND	---	30
4,4'-oxydianiline	101-80-4	ND	ND	ND	---	30
4,4'-thiodianiline	139-65-1	ND	ND	ND	---	30
o-toluidine	95-53-4	ND	ND	ND	---	30
2,4-diaminotoluene	95-80-7	ND	ND	ND	---	30
2,4,5-trimethylaniline	137-17-7	ND	ND	ND	---	30
2-methoxyaniline	90-04-0	ND	ND	ND	---	30
4-aminoazobenzene	60-09-3	ND	ND	ND	---	30
<b>Conclusion</b>		Pass	Pass	Pass	---	

**Note:**

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 5 mg/kg)

**Remark:**

In the case of levels per amine component less than or equal to 30 mg/kg, according to the analysis as carried out, azo colorants which can release one or more of certain listed amines by cleavage of their azo group/s were not detected in the commodity submitted.



QIMA (Hangzhou) Testing Co., Ltd

Room 401/4-5/F, Building 1, No.1213 Huoju South Road,  
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## Detailed results

### Colour Fastness to Rubbing

Test Method: EN ISO 105-X12: 2016, Size of rubbing finger: 19 x 25.4mm.

Specimen No.	T1	---	---	---	---	Client's requirement
Items	Result (Grade)					
Dry staining	4-5	---	---	---	---	Min. 2-3
Wet staining	4-5	---	---	---	---	Min. 2-3
Conclusion	Pass	---	---	---	---	-

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.



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## Detailed results

### EN 71-1:2014+A1:2018 Safety of Toys: Mechanical & Physical Properties

Mechanical hazards evaluated as described in EN71-1, as applicable.

Clause	Test	Conclusion
4.1	Material cleanliness	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
5.1	General requirements	Pass
5.2	Soft-filled toys and soft-filled parts of a toy	Pass
5.4	Cords, chains and electrical cables in toys	Pass

### EN 71-2:2020 Safety of Toys: Flammability

Flammability test evaluated as described in EN71-2, as applicable.

Test	Observation	Conclusion
4.1 General	No visual signs of Cellulose Nitrate or with similar behaviour in fire as celluloid. Surface flash was not produced for materials with a piled surface.	Pass
4.5 Soft-filled toys	/	SR

SR=See Remark

Remark: The requirements of this clause 4.5 do not apply to toys which present a maximum unhindered vertical soft-filled height of 150 mm or less.



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## Specimen description

Specimen #	Specimen description	Location
C1	White plush textile	Main body
C2	Brown thread	Nose/mouth
C3	Brown embroidery thread	Eye
T1	White sucking towel	Finished product





## Pictures

### Sample photo:



End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA (Hangzhou) Testing Co., Ltd.



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Room 401/4-5/F, Building 1, No.1213 Huoju South Road,  
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