

# Test Report

No.: 70.452.25.16477.02

Date: 2025-10-28



**Applicant:** TAIZHOU QINGMI TECHNOLOGY CO.,LTD  
**Address:** NO.3,HOUSHI ROAD, BEICHENG ZONE, HUANGYAN DISTRICT, TAIZHOU CITY, ZHEJIANG PROVINCE, CHINA  
**Product Name:** BABY HIGH CHAIR  
**Manufacturer:** TAIZHOU QINGMI TECHNOLOGY CO.,LTD  
**Model No:** 24QM-01  
**Country of Origin:** CHINA  
**Country of Destination:** Europe, UK  
**Receipt Date of Sample:** 2025-10-10  
**Date of Testing:** 2025-10-10 to 2025-10-28  
**Date of Further Information** 2025-10-21  
**Sample Submitted:** The sample(s) was (were) submitted by applicant and identified.  
**Test Result:** Refer to the data listed in following pages

Test Item	Conclusion
1. BS EN 14988:2017+A2:2024 Children's high chairs - Requirements and test methods — Excluding clause 9	Pass
2. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 51 & 52 - Phthalates Content	Pass

Remarks: 1. MDL = Method Detection Limit  
2. ND = Not Detected (<MDL)  
3. <= Less than  
4. 1 mg/kg = 1 ppm = 0.0001%  
5. The test results are transferred from report 70.452.25.16477.01.

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Date: 2025-10-28



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

Prepared by:

Authorized by:



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## Note:

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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:

<b>Sample Receiving Info</b>	Sample Received on: 2025-10-10; Complete test sample 1 set.	
<b>Sample Description</b>	Overall weight (kg):	4.4
	Overall size (Length x width x height in cm):	56.0 x 64.5 x 93.7
<b>Sample Photo</b>		
		
Front view of test sample		Side view of test sample
		/
Back view of test sample		/



Sample	Description	Photo
001	BABY HIGH CHAIR	

T. No	Sample	Description
T1	002	White plastic(tray)
T2	003	White plastic(chair)
T3	004	Grey soft plastic with fiber(chair)
T4	005	Black fabric(chair back)
T5	006	Grey fabric(webbing)
T6	007	Grey plastic(buckle latch)
T7	008	White fabric with orange/black printing(warning)
T8	009	Transparent coating
T9	010	Wood
T10	011	White coating
T11	012	Black soft plastic(feet)
T12	013	White foam(inner)



Test Result(s):

1. BS EN 14988:2017+A2:2024 Children's high chairs - Requirements and test methods — Excluding clause 9

Clause	Test Item	Test Result
6	<b>Chemical hazards - Migration of certain elements</b>	P (See result 1.1)
7	<b>Thermal hazards</b> (EN 71-2:2020, 5.5)	P
<b>Annex B</b> A-deviations	A-deviation for FRANCE (EN 71-2:2020, 5.4)	N/A
	A-deviation for UK (The test for flammability shall be carried out in accordance with those provisions of BS 5852: Part 1 which relate to butane flame ignition source 1 in accordance with the Furniture and Furnishings (Fire) (Safety) Regulation 1988.)	N/A
	A-deviation for ITALY (UNI 9175:1987+FA1/94)	N/A
<b>8</b>	<b>Mechanical hazards</b>	-
8.1	Hazards caused by folding of the product	-
8.1.1	Requirements	-
8.1.1.1	General	N/A
8.1.1.2	Incomplete deployment	N/A
8.1.1.3	Unintentional folding of the high chair	N/A
8.1.1.4	Locking mechanism strength	N/A
8.2	Hazards caused by height adjustment	-
8.2.1	General	N/A
8.2.2	Incomplete seat height adjustment	N/A
8.2.3	Unintentional release of the seat height adjustment mechanism	N/A
8.3	Entrapment hazards	-
8.3.1	Entrapment of fingers	P
8.3.2	Entrapment of head	P
8.4	Hazards caused by moving parts	-
8.4.1	Requirements on compression points	P
8.4.2	Requirements for shearing points	P
8.5	Entanglement hazards	P
8.6	Choking and ingestion hazards	P
8.7	Hazards caused by edges, corners and protruding parts	P
8.8	Strength and durability hazards	-
8.8.1	Requirements	P
8.8.2	Impact test	P
8.8.3	Seat vertical static load test	P
8.8.4	Footrest vertical static load test	P
8.8.5	Dynamic strength test	P
8.8.6	Tray tests	P
8.9	Hazards from falls out of the high chair	-
8.9.1	Restraint system	-
8.9.1.1	Requirements on restraint systems	-



Clause	Test Item	Test Result
8.9.1.1.1	General requirements	P
8.9.1.1.2	Requirements for high chairs with an active restraint system	P
8.9.1.1.3	Requirements for high chairs with a passive restraint system	N/A
8.9.2	Lateral protection	-
8.9.2.1	General	P
8.9.2.2	Lateral protection length and height for high chairs fitted with an active restraint system	P
8.9.2.3	Lateral protection length and height for high chairs with a passive restraint system	N/A
8.9.3	Back rest	P
8.10	Suffocation hazards	P
8.11	Castors and wheels	N/A
8.12	Stability	P
9	Marking and product information	N/R

Abbreviation: P=Pass; N/A = Not Applicable; N/R = Not Requested per client.

1.1. Migration of certain elements

Test with reference to EN71-3:2019+A1:2021, determination by ICP-MS.

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

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Parameter	MDL [mg/kg]	Limit in scraped-off toy [mg/kg]	Result(s) [mg/kg]	
			004	005
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	6.05	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	13.3	48.8
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	0.150	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	16.3	ND
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>

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Parameter	MDL [mg/kg]	Limit in scraped-off toy [mg/kg]	Result(s) [mg/kg]	
			006	007
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>

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Parameter	MDL [mg/kg]	Limit in scraped-off toy [mg/kg]	Result(s) [mg/kg]	
			008	009
Soluble Aluminum	5.00	28130	7.55	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	15.4
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	2.57	0.150
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	5.54	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	8.41	910.4
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>

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Parameter	MDL [mg/kg]	Limit in scraped-off toy [mg/kg]	Result(s) [mg/kg]
			010
Soluble Aluminum	5.00	28130	ND
Soluble Antimony	5.00	560	ND
Soluble Arsenic	5.00	47	ND
Soluble Barium	5.00	18750	36.7
Soluble Boron	5.00	15000	ND
Soluble Cadmium	5.00	17	ND
Soluble Chromium III	0.04	460	ND
Soluble Chromium VI	0.04	0.053	ND
Soluble Cobalt	5.00	130	ND
Soluble Copper	5.00	7700	ND
Soluble Lead	5.00	23	ND
Soluble Manganese	5.00	15000	9.93
Soluble Mercury	5.00	94	ND
Soluble Nickel	5.00	930	ND
Soluble Selenium	5.00	460	ND
Soluble Strontium	5.00	56000	ND
Soluble Tin	2.50	180000	ND
Organic Tin	7.50	12	ND
Soluble Zinc	5.00	46000	15.3
<b>Conclusion</b>			<b>Pass</b>

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Test with reference to EN71-3:2019+A2:2024, determination by ICP-MS.

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

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Parameter	MDL [mg/kg]	Limit in scraped-off toy [mg/kg]	Result(s) [mg/kg]	
			004	005
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	6.05	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	13.3	48.8
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	0.150	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	16.3	ND
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>

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Parameter	MDL [mg/kg]	Limit in scraped-off toy [mg/kg]	Result(s) [mg/kg]	
			006	007
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>

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Parameter	MDL [mg/kg]	Limit in scraped-off toy [mg/kg]	Result(s) [mg/kg]	
			008	009
Soluble Aluminum	5.00	28130	7.55	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	15.4
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	2.57	0.150
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	5.54	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	8.41	910.4
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>

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Parameter	MDL [mg/kg]	Limit in scraped-off toy [mg/kg]	Result(s) [mg/kg]
			010
Soluble Aluminum	5.00	28130	ND
Soluble Antimony	5.00	560	ND
Soluble Arsenic	5.00	47	ND
Soluble Barium	5.00	18750	36.7
Soluble Boron	5.00	15000	ND
Soluble Cadmium	5.00	17	ND
Soluble Chromium III	0.04	460	ND
Soluble Chromium VI	0.04	0.053	ND
Soluble Cobalt	5.00	130	ND
Soluble Copper	5.00	7700	ND
Soluble Lead	5.00	23	ND
Soluble Manganese	5.00	15000	9.93
Soluble Mercury	5.00	94	ND
Soluble Nickel	5.00	930	ND
Soluble Selenium	5.00	460	ND
Soluble Strontium	5.00	56000	ND
Soluble Tin	2.50	180000	ND
Organic Tin	7.50	12	ND
Soluble Zinc	5.00	46000	15.3
<b>Conclusion</b>			<b>Pass</b>

## 2. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 51 & 52 - Phthalates Content

Test with reference to in-house method, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					002+003+007	004
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND	ND
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND	ND
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND	ND
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND	ND
<b>Sum of DBP, BBP, DEHP, DIBP</b>	-	%	0.005	<b>0.1</b>	<b>ND</b>	<b>ND</b>
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	ND	ND
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	ND	ND
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND	ND
<b>Sum of DINP, DIDP, DNOP</b>	-	%	0.005	<b>0.1</b>	<b>ND</b>	<b>ND</b>
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					009+011	012
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND	ND
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND	ND
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND	ND
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND	ND
<b>Sum of DBP, BBP, DEHP, DIBP</b>	-	%	0.005	<b>0.1</b>	<b>ND</b>	<b>ND</b>
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	ND	ND
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	ND	ND
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND	ND
<b>Sum of DINP, DIDP, DNOP</b>	-	%	0.005	<b>0.1</b>	<b>ND</b>	<b>ND</b>
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					013
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND
<b>Sum of DBP, BBP, DEHP, DIBP</b>	-	%	0.005	<b>0.1</b>	<b>ND</b>
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	ND
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	ND
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND
<b>Sum of DINP, DIDP, DNOP</b>	-	%	0.005	<b>0.1</b>	<b>ND</b>
<b>Conclusion</b>					<b>Pass</b>

-End of Test Report-