

Test Report

Number: SHAH01640285

Applicant: GUANGZHOU BEL BABY PRODUCT CO.,LIMITED
ROOM NO.1211,NORTH MALL,165TH
CENTRAL QIAOZHONG ROAD,LIWAN
DISTRICT,GUANGZHOU,CHINA

Date: 06 Dec, 2023

Sample Description:

Three(3) groups of submitted sample said to be :

Item Name : MULTIFUNCTION HIGH CHAIR
Item No. : HCY017
Labelled Age Group : 6-36M
Packaging Provided By Applicant : Yes
Country Of Origin : China
Date Sample Received : 06 Dec, 2023
Testing Period : 06 Dec, 2023 To 06 Dec, 2023

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

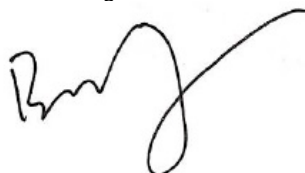
Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	ASTM F404 – 21 standard consumer safety specification for high chairs	Pass
	16 CFR 1231 standard consumer safety specification for high chairs	Pass
	U.S. CFR title 16 (CPSC regulations) part 1130-requirements for consumer registration of durable infant or toddler products	Pass
	ASTM F2613-22 Standard Consumer Safety Specification for Children's Chairs and Stools	Pass
	16 CFR 1232 Safety Standard For Children's Folding Chairs And Stools	Pass
	ASTM F2640 – 18 standard consumer safety specification for booster seats	Pass
	16 CFR 1237 Safety Standard for Booster Seats	Pass

To be continued

Authorized By:

For Intertek Testing Services Ltd., Shanghai



Bill Zhang
General Manager



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Tested sample

Submitted sample

Standard

Consumer Product Safety Improvement Act (CPSIA) 2008
Section 103 Tracking Labels for Children Products excluding
permanency of tracking labels

Result

Pass
(see remark)

Consumer Product Safety Act section 14(a) (5) excluding
permanency of tracking labels

Pass
(see remark)

Remark: no sample is submitted for testing. All test results stated in this report are transferred from our test report
(SHAH01628770 Dated Dec.04, 2023)

To be continued

Authorized By:

For Intertek Testing Services Ltd., Shanghai



Bill Zhang
General Manager



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Tests Conducted

1. HIGH CHAIRS

With reference to ASTM F404 – 21 standard consumer safety specification for high chairs, the submitted sample was subjected to the following tests:

Number of Sample Tested: Three (3) Pieces

Initial inspection: No any damage was found

Executive summary:

Clause	Test items	Verdict
5	General Requirements	P
5.1	Components For High Chair	P
5.2	High Chair Conversion Kits	P
5.3	High Chair Used With Conversion Kits	P
5.4	High Chair With Accessory(s)	P
5.5	Threaded Fasteners	P
5.6	Sharp Edges And Sharp Points	P
5.7	Small Part	P
5.8	Wood Part	NA
5.9	Latching or Locking Mechanisms	P
5.10	Labeling	P
5.11	Opening	P
5.12	Toy	NA
5.13	Paint and surface coating	P (See#2)
5.14	Applicable requirement of CPSIA	Table #1
6	Performance Requirements	P
6.1	Protective Components	P
6.2	Removable Tray or Front Torso Support Performance Integrity	P
6.3	Tray or Front Torso Support Performance	P
6.4	Static Load	P
6.5	Stability	NA
6.5.1	High chairs and high chair accessories only for children able to sit upright unassisted	NA
6.5.1.1	Forward and Sideways Stability	NA
6.5.1.2	Rearward Stability	NA
6.5.1.3	Stability with Child Climbing into Chair	P
6.5.2	High chairs and high chair accessories for children unable to sit upright unassisted	NA
6.6	Exposed Coil Springs	NA
6.7	Scissoring, Shearing, and Pinching	P
6.8	Restraint System	P
6.9	Completely bounded openings	P
6.10	Structural Integrity	P
6.11	Tray Latch Release Mechanisms	P
6.12	Side Containment	P
6.13	Protrusions	NA
7	Test Methods	-
8	Marking and Labeling	P (See Remark #1)
9	Instructional Literature	P (See Remark #1)
10	Keywords	-

Abbreviation: P=Pass; NA=Not Applicable; F=Fail; NC = Not Conducted; NR = Not Requested



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Remark:

#1

1. The evaluation or testing related to packaging and labeling is based on the artwork submitted by the applicant rather than on the actual sample of packaging and labeling.
2. Part of the evaluation or testing need to perform the actual sample and was not conducted, those include: The height of typeface.

Table #1

Compliance with CPSIA or CPSIA applicable requirements

Lead in paints or surface coating (16 CFR 1303)	Pass (see #2)
Lead content of accessible component part	Pass (see #3)
Phthalate content	Pass (see #1)
Tracking label	Pass
Durable infant or toddler product (16 CFR 1130)	Pass
Flammability of solids (16 CFR 1500.44)	Pass

Note: Attention shall be drawn to Children's Product Certificate/ Tracking label/ Consumer registration of durable infant or toddler products to meet 16 CFR 1130/ Section 14(a)(5) of the Consumer Product Safety Act, 15 U.S.C. §2063(a)(5) (CPSA)/ 16 CFR 1130

Remark:

The submitted samples was not high chair, all the tests were conducted based on client's request. And the test results were for internal use and reference only.

2. HIGH CHAIRS

With reference to 16 CFR 1231 standard consumer safety specification for high chairs, the submitted sample was subjected to the following tests:

Number of Sample Tested: Three (3) Pieces

Initial inspection: No any damage was found

Executive summary:

Clause	Test items	Verdict
5	General Requirements	P
5.1	Components For High Chair	P
5.2	High Chair Conversion Kits	P
5.3	High Chair Used With Conversion Kits	P
5.4	High Chair With Accessory(s)	P
5.5	Threaded Fasteners	P
5.6	Sharp Edges And Sharp Points	P
5.7	Small Part	P
5.8	Wood Part	NA
5.9	Latching or Locking Mechanisms	P
5.10	Labeling	P
5.11	Opening	P
5.12	Toy	NA
5.13	Paint and surface coating	P (See #2)
5.14	Applicable requirement of CPSIA	Table #1
6	Performance Requirements	P
6.1	Protective Components	NA
6.2	Removable Tray or Front Torso Support Performance Integrity	P
6.3	Tray or Front Torso Support Performance	P
6.4	Static Load	P
6.5	Stability	NA
6.6	Exposed Coil Springs	NA
6.7	Scissoring, Shearing, and Pinching	P
6.8	Restraint System	P
6.9	Completely bounded openings	P

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Clause	Test items	Verdict
6.10	Structural Integrity	P
6.11	Tray Latch Release Mechanisms	P
6.12	Side Containment	P
6.13	Protrusions	NA
7	Test Methods	-
8	Marking and Labeling	P (See Remark #1)
9	Instructional Literature	P (See Remark #1)
10	Keywords	-

Abbreviation: P=Pass; NA=Not Applicable; F=Fail; NC = Not Conducted; NR = Not Requested

Table #1

Compliance with CPSIA or CPSIA applicable requirements

Lead in paints or surface coating (16 CFR 1303)	Pass (see #2)
Lead content of accessible component part	Pass (see #3)
Phthalate content	Pass (see #1)
Tracking label	Pass
Durable infant or toddler product (16 CFR 1130)	Pass
Flammability of solids (16 CFR 1500.44)	Pass

Note: Attention shall be drawn to Children's Product Certificate/ Tracking label/ Consumer registration of durable infant or toddler products to meet 16 CFR 1130/ Section 14(a)(5) of the Consumer Product Safety Act, 15 U.S.C. §2063(a)(5) (CPSA)/ 16 CFR 1130

3. CONSUMER REGISTRATION

As per U.S. code of federal regulations title 16 part 1130 - requirements for consumer registration of durable infant or toddler products, the submitted sample was subjected to the following test:

Number of Sample Tested: One (1) Piece

Initial inspection: No any damage was found.

Executive Summary:

Clause	Test items	Verdict
3	General requirements	P (See Remark #1)
4	Identification on the product	P (See Remark #1)
5	Requirements for registration forms	P (See Remark #1)
6	Requirements for format of registration forms	P (See Remark #1)
7	Requirements for Web site registration or alternative e-mail registration.	P (See Remark #1)
8	Recordkeeping and notification requirements.	-

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4. CHILDREN'S CHAIRS AND STOOLS

With reference to ASTM F2613-22 Standard Consumer Safety Specification for Children's Chairs and Stools, the submitted samples was subjected to the following tests:

Number of Sample Tested: Three (3) Pieces

Initial inspection: No any damage was found

Executive Summary:

Clause	Test items	Verdict
5	General requirements	P
5.1	Wood parts	NA
5.2	Sharp points and edges	P
5.3	Small parts	P
5.4	Surface coating	P (See #2)
5.5	Flammable solids	P
5.6	Toy accessories	NA
5.7	Scissoring, shearing, and pinching	P
5.8	Product that folds	P
5.8.1	Latching and Locking Mechanisms	P
5.8.2	Product without Latching and Locking Mechanisms	NA
5.9	Circular holes in rigid materials	P
5.10	Labeling	P
5.11	Protective components	NA
5.12	Strength Requirements	P
5.13	Stability	P
5.14	Head Entrapment	P
6	Test Methods	-
7	Marking and Labeling	P (See Remark #1)

Abbreviation: P=Pass F=Fail NA=Not Applicable NC=Not Conducted NR = Not Requested

5. SAFETY SPECIFICATION FOR CHILDREN'S CHAIRS AND STOOLS

With reference to 16 CFR 1232 Standard Consumer Safety Specification for Children's Chairs and Stools, the submitted samples was subjected to the following tests:

Number of Sample Tested: Three (3) Pieces

Initial inspection: No any damage was found

Executive Summary:

Clause	Test items	Verdict
5	General requirements	P
5.1	Wood parts	NA
5.2	Sharp points and edges	P
5.3	Small parts	P
5.4	Surface coating	P (See #2)
5.5	Flammable solids	P
5.6	Toy accessories	NA
5.7	Scissoring, shearing, and pinching	P
5.8	Product that folds	P
5.8.1	Latching and Locking Mechanisms	P
5.8.2	Product without Latching and Locking Mechanisms	NA
5.9	Circular holes in rigid materials	P
5.10	Labeling	P
5.11	Protective components	NA
5.12	Strength Requirements	P
5.13	Stability	P

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Clause	Test items	Verdict
6	Test Methods	-
7	Marking and Labeling	P (See Remark #1)

Abbreviation: P=Pass F=Fail NA=Not Applicable NC=Not Conducted NR = Not Requested

6. BOOSTER SEATS

With reference to ASTM F2640 – 18 Standard Consumer Safety Specification for Booster Seats, the submitted samples were subjected to the following tests:

Number of Sample Tested: Three (3) Pieces

initial inspection: no any damage was found

Executive summary:

Clause	Test items	Verdict
1	Scope.	-
2	References documents.	-
3	Terminology	-
4	Calibration and Standardization	-
5	General requirements	P
5.1	Sharp point and edge	P
5.2	Small part	P
5.3	Wood parts	NA
5.4	Paint	P (See #2)
5.5	Scissoring, Shearing, and Pinching	P
5.6	Openings	P
5.7	Exposed Coil Springs	NA
5.8	Protective Components	NA
5.9	Labeling	P
5.10	Toys	NA
6	Performance Requirements	P
6.1	Tray Performance (Drop)	P
6.2	Tray Performance (Pull)	P
6.3	Static Load	P
6.4	Child Restraint System:	P
6.5	Booster Seat Attachment:	P
6.6	Structural Integrity:	P
6.7	Booster seats that are supported on the top of the backrest	P
6.8	Maximum Booster seat Dimension	P
7	Test Methods	-
8	Marking and Labeling	P (See Remark #1)
9	Instructional Literature	P (See Remark #1)

Abbreviation: P=Pass; NA=Not Applicable; F=Fail; NC = Not Conducted; NR = Not Requested

7. SAFETY SPECIFICATION FOR BABY CHANGING TABLES

With reference 16 CFR 1237 Safety Standard for Booster Seats, the submitted samples were subjected to the following tests:

Number of Sample Tested: Three (3) Pieces

Initial inspection: No any damage was found

Executive summary:

Clause	Test items	Verdict
1	Scope.	-
2	References documents.	-
3	Terminology	-
4	Calibration and Standardization	-

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Clause	Test items	Verdict
5	General requirements	P
5.1	Sharp point and edge	P
5.2	Small part	P
5.3	Wood parts	NA
5.4	Paint	P (See #2)
5.5	Scissoring, Shearing, and Pinching	P
5.6	Openings	P
5.7	Exposed Coil Springs	NA
5.8	Protective Components	NA
5.9	Labeling	P
5.10	Toys	NA
6	Performance Requirements	P
6.1	Tray Performance (Drop)	P
6.2	Tray Performance (Pull)	P
6.3	Static Load	P
6.4	Child Restraint System:	P
6.5	Booster Seat Attachment:	P
6.6	Structural Integrity:	P
6.7	Booster seats that are supported on the top of the backrest	P
6.8	Maximum Booster seat Dimension	P
7	Test Methods	-
8	Marking and Labeling	P (See Remark #1)
9	Instructional Literature	P (See Remark #1)

Abbreviation: P=Pass; NA=Not Applicable; F=Fail; NC = Not Conducted; NR = Not Requested



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Tests Conducted

8. Tracking Label Assessment

As per consumer product safety Act section 14(a) (5) and consumer product safety improvement act (CPSIA) 2008 Section 103 tracking labels for children products

Tracking Label Found on the Packaging:

Manufacture: GUANGZHOU BEL BABY PRODUCT CO., LIMITED

Location of production: Room No.1211,North Mall,165th Central Qiaozhong Road,Liwan District, Guangzhou,China

Date of production: 2023.11

Model number: HCY017

Tracking Label Found on the Product:

Manufacture: GUANGZHOU BEL BABY PRODUCT CO., LIMITED

Location of production: Room No.1211,North Mall,165th Central Qiaozhong Road,Liwan District, Guangzhou,China

Date of production: 2023.11

Model number: HCY017

Note: The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

Remark: According to section 103(a) C3, the tracking label must be permanent marked on the product. As the applicant's request, the sewn-in label's permanency of submitted sample was not assessed.

#1 Phthalate Content (U.S. 16 CFR Part 1307)

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	CAS No.	Result					Units	D.L.	Limit
		1	2	3	4+5+6	7+8+9			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	ND	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	%	0.01	0.1

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Test Item	CAS No.	Result					Units	D.L.	Limit
		10+11	14+15	-	-	-			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	-	-	-	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	-	-	-	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	-	-	-	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	-	-	-	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	-	-	-	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	-	-	-	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	-	-	-	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	-	-	-	%	0.01	0.1

Remarks:

D.L. = Detection Limit

ND = Not detected

The above limit was quoted according to US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates.

Tested Components: See component list in the last section of this report.

#2 Total Lead (Pb) Content (U.S. 16 CFR Part 1303)

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1	2	-	-	-			
Lead (Pb)	ND	ND	-	-	-	%	0.001	0.009

Remarks:

D.L. = Detection Limit

ND = Not detected

The above limit was quoted according to U.S. CFR Title 16 Part 1303 for Ban of Lead-containing Paint and Certain Consumer Products Bearing Lead-containing Paint.

Tested Components: See component list in the last section of this report.

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Tests Conducted

#3 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate) (U.S. CPSIA Section 101)

As per Standard Operating Procedures for Determining total Lead (Pb) in children's products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 were used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry and/or Atomic Absorption Spectrometry.

Test Item	Result					Units	D.L.	Limit
	3	4+5+6	7+8+9	10+11	12+13			
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	10	100
Test Item	Result					Units	D.L.	Limit
	14+15	-	-	-	-			
Lead (Pb)	ND	-	-	-	-	mg/kg	10	100

Remarks:

D.L. = Detection Limit

The above limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in Non-surface coating materials.

mg/kg = parts per million = ppm

ND = Not detected

Tested Components: See component list in the last section of this report.



Picture of sample

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Tests Conducted

Component List

No.	Test Component Description(s)
(1)	Red coating on plastic. (warning label)
(2)	White coating on metal. (tube)
(3)	White soft plastic with multi-color printing. (cover)
(4)	Grey plastic. (buckle/adjust buckle)
(5)	White plastic. (PP)
(6)	Light grey plastic. (PP)
(7)	Light grey plastic. (ABS)
(8)	Light grey plastic. (POM)
(9)	Grey plastic. (TPR)
(10)	White woven fabric with red/white printing. (warning label)
(11)	White woven fabric with black/white printing. (sewn-in label)
(12)	Silver color metal excluding coating. (tube)
(13)	Silver color metal. (pegs on tube)
(14)	White foam. (inner cover)
(15)	Beige foam.

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Shanghai Ltd.