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Applicant: Hangzhou Fengyu E-commerce Co., Ltd.

Address: 239, 4th Floor, Building 1, No. 312 Jiangling South Road, Xixing Street, Binjiang

District, Hangzhou, Zhejiang Province, China

Manufacturer: goodleben

Address: 239, 4th Floor, Building 1, No. 312 Jiangling South Road, Xixing Street, Binjiang

District, Hangzhou, Zhejiang Province, China

The following sample(s) was /were submitted and identified on behalf of the clients as:

Trade Mark: goodleben

Sample Name: Double Bed Rail

Sample Model: GD-Bed Rail

Labeled Age Grading: Adult

Requested Age Grade: Adult

Tested Age Grading: Adult

Sample Received Date: Jun. 17, 2025

Testing Period: Jun. 17, 2025 to Jun. 19, 2025

Test Requested: Selected test (s) in the selected parts as requested by client.

Test Method: Please refer to next page(s).

Test Result: Please refer to next page(s).

Approved by:

Tony glan

Tony Qian/ Technical Manager



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Summary of Test Results:

No.	Test Standard	Conclusion
1	ASTM F3186 – 17 Standard Specification for Adult Portable Bed Rails and Related Products	Pass
2	Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103Tracking Labels for Children's Products- Tracking label requirement.	Pass
3	16 CFR 1130- The requirements of Consumer registration of durable infant or toddler products	Pass
4	USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead- Containing Paint	Pass
5	USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children's products containing Lead; Lead paint rule	
6	USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates	
7	Phthalates content- Consumer Product Safety Improvement Act of 2008(H.R. 4040) & H.R.2715 amendment &16 CFR Part 1307-Prohibition of Children Toys and Child Care Articles Containing Specified Phthalates & ASTM F963-23 (Clause 4.3.8)	Pass



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1. ASTM F3186 - 17

Standard Specification for Adult Portable Bed Rails and Related Products Ambient Temperature :23 °C

Section	0.6	Test Request	(40)	Result(s)	Verdict		
4	Test Set-up Requirements						
4.1	The product shall be complet otherwise noted in the tests b	•	ance with the instruction	ns for use, un	less		
4.2	No testing shall be conducted	No testing shall be conducted within 48 h of manufacturing.					
4.3		The product to be tested shall be in a room with an ambient temperature of $73 \pm 9^{\circ}F$ ($23 \pm 5^{\circ}C$) for at least 1 h prior to testing. Testing shall then be conducted within this temperature range.					
4.4	All testing required by this sp	pecification shall be cond	lucted on the same unit	(4)			
5.	General Requirements	(6	1328	M	Pass		
5.1	There shall be no hazardous s 1500.48 and 16 CFR 1500.49	М	Pass				
5.2	Any exposed parts shall be sr	mooth and free from rough	gh or jagged surfaces.	M	Pass		
5.3	Products covered by this spec articulates shall meet all of the the bed is in the flat and artic of entrapment as specified in	М	Pass				
6.	Performance Requirements		E .	M	Pass		
6.1	Retention Systems:		(3)	M	Pass		
6.1.1	All products shall include a method for maintaining the installed product in a position for which the product will continue to perform to the test methods in Section 8 without requiring readjustment of any components. Some movement of product or mattress is acceptable as long as it does not lead to failure to meet the tests in Section 8.				Pass		
6.1.2	The retention system shall be described in 6.1.3, by the mainitial assembly.	М	Pass				
6.1.3	Permanently attached retention system components shall not be able to be removed without the use of a tool after initial installation.				Pass		
6.1.4	Retention system component when tested in accordance wi	М	Pass				
6.1.5	Straps:	6		NA	/		
6.1.5.1	Any straps used to attach the the product to continue to me for attachment and adjustment	NA	/				

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Section	Test Request	Result(s)	Verdict	
6.1.5.2	After initial assembly the straps shall require the use of a tool for removal.	NA		
6.2	Structural Integrity:	M	Pass	
6.2.1	When installed using the thickest mattress recommended by the product manufacturer, the top of the product shall extend at least 4.0 in. (101.6 mm) above the top surface of the mattress.	М	Pass	
6.2.2	After testing in accordance with $8.1 - 8.3$, there shall be no changes in dimensions or hazardous condition created as defined in Section 5.	M	Pass	
6.3	Entrapment—Products shall be tested with respect to each applicable Zone (Fig. 1) in accordance with Section 8. These zones are described in the cited FDA Guidance 7 (see Appendix X1 for further details). Fig. 1 is similar to that used in the FDA Guidance. Adult portable bed rail products vary in shape, design, and use. Therefore, this figure serves as a reference for zone or areas of entrapment for a portable bed rails, but the actual shapes and sizes of products could be different from Fig. 1.	М	Pass	
6.3.1	A bed rail type product is shown in Fig. 1. Other bed rails and products covered by this specification may not have one or more of the indicated entrapment zones and testing shall be adjusted accordingly, for example a product without penetrating openings will not have Zone 1. However, if the area represented by a zone is present, that area must pass the applicable test. Most products will have an area at each end indicated by Zone 4.	М	Pass	
6.3.2	Zones 1–2—The test probe (see 7.2 for discussion of the test probe) shall not pass completely through the opening when tested according to 8.4.3 and 8.4.4.	M	Pass	
6.3.3	Zone 3—The highest point on the cylinder of the test probe (see 7.2) shall not pass completely below the horizontal uncompressed plane of the mattress when tested according to 8.4.5.	М	Pass	
6.3.4	Zone 4—The test probe shall not pass completely through the opening or touch the product in the red area of the test probe when tested according to 8.4.6.	М	Pass	
6.4	Openings:	M	Pass	
6.4.1	Holes or slots that extend entirely through a wall section of any rigid material less than 1/4 in. (6.35 mm) thick and admit a 5/8 in. (13 mm) diameter rod shall also admit a 1 in. (25.4 mm) diameter rod. Holes or slots that are between 8 mm and 25 mm and have a wall thickness less than 1/4 in. (6.35 mm) but are limited in depth to	М	Pass	

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Section	Test Request	Result(s)	Verdict
9	1/4 in. (6.35 mm) maximum by another rigid surface shall be permissible (see Fig. 2).	100	0
6.5	Misassembled Products:	M	Pass
6.5.1	Any structural components and retention system components of a product covered by this specification that requires consumer assembly shall not be able to be misassembled when evaluated to 6.5.2.	M	Pass
6.5.2	Determining Misassembled Product: A product covered by this specification shall be considered misasssembled if it appears to be functional under any condition and it does not meet the requirements of $6.1 - 6.4$.	M	Pass
7.	Test Equipment:		
8.	Test Requirements And Methods		
9.	Labels and Warnings Requirements	M	Pass
9.1	Labeling:	M	Pass
9.1.1	Each product and its retail packaging shall be marked or labeled clearly and legibly to indicate the following:	M	Pass
9.1.1.1	The name, place of business (city, state, and mailing address, including zip code), and telephone number of the manufacturer, importer, distributor, or seller. The listed entity must be one who can answer technical questions about installation and use and receive complaints.	М	Pass
9.1.1.2	Acode mark or other means that identifies the model number and date of manufacture (month and year at a minimum).	M	Pass
9.1.1.3	That the product is to be used only with the type and size of mattress and bed, including the range of thickness of mattresses, specified by the manufacturer of the product. If beds with head or footboards are allowed, the distance between the head or footboard and the placement of the product shall be indicated to be either <2.4 in. (60 mm) or >12.5 in. (318 mm).	М	Pass
9.1.2	The markings on the product shall be permanent as defined in Section 10.	M	Pass
9.1.3	Any upholstery labeling required by law shall not be used to meet the requirements of this section.	M	Pass
9.1.4	The product label shall include the statement: "This product is under the jurisdiction of the FDA; to report problems or injuries, call 1–800–332–1088" or "This product is under the jurisdiction of the CPSC; to report problems or injuries, go to www.SaferProducts.gov or call 1–800–638–2772.	М	Pass

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Section	Test Request	Result(s)	Verdict	
9.2	Warning Statements – Each Product Shall Have Warning Statements:	M	Pass	
9.2.1	The warnings shall be easy to read and understand and be in the English language at a minimum. An example is shown in Fig. 4.	М	Pass	
9.2.2	Any labels or written instructions provided in addition to those required by this section shall not contradict or confuse the meaning of the required information, or be otherwise misleading to the consumer.	M	Pass	
9.2.3	The warning labels on the product shall be conspicuous, in highly contrasting color(s) (for example, black text on white background), in non-condensed sans serif type, and permanent.	М	Pass	
9.2.4	Each group of warning statements shall be preceded by the safety alert symbol "A" and the exact signal word specified in the warning statements (for example, "WARNING"). The safety alert symbol and the signal words shall not be less than 0.20 in. (5 mm) high, and the remainder of the text shall be characters whose upper case shall be at least 0.12 in. (3.0 mm) high, except where otherwise specified.	М	Pass	
9.2.5	Each product's retail package and instructions shall include the following warning statements: WARNING ENTRAPMENT, STRANGULATION, SUFFOCATION AND FALL HAZARDS Gaps in and around this product can entrap and kill. People with Alzheimer's disease or dementia, or those who are sedated, confused, or frail, and are at increased risk of entrapment and strangulation. People attempting to climb over this product are at increased risk of injury or death from falls. Always make sure this product is properly secured to bed. If product can move away from bed or mattress, it can lead to entrapment and death.	М	Pass	
9.2.6	Each product and its instructions shall include the following warning statements, to be conspicuous on the product, including after installation: WARNING SUFFOCATION/STRANGULATION/ENTRAPMENT HAZARD If product is installed incorrectly or moves from its initial position gaps can occur which can entrap and kill. People with Alzheimer's disease, dementia or other neurological conditions, or those who are sedated, confused, or frail, are at increased risk of entrapment, suffocation and strangulation. •NEVER use unless product is tight against mattress, without gaps, and at least 12 1/2 in. from headboard and footboard.	М	Pass	

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Section	Test Request	Result(s)	Verdict
Ŝ.	•NEVER use on toddler, bunk, water, or inflatable beds, or on beds with mattress toppers or soft compressible pads. The final bullet above can be modified in accordance with any type of bed, mattress, or mattress topper for which compliance with this specification has been proven by the manufacturer.	E	7
9.2.6.1	Fig. 4 is presented only as an example for the display of the warning statements required in 9.2.6. A similar format could be used for 9.2.5.	M	Pass
9.2.7	At least one conspicuous component of the product must be labeled with the following entrapment warning: WARNING – ENTRAPMENT HAZARD NEVER use product without properly securing it to bed. Incorrect installation can allow product to move away from mattress, bed frame and/or head or foot boards, which can lead to entrapment and death.	М	Pass
9.2.8	Internet or print advertising for the product by the manufacturer shall include the same warning statements specified in 9.2.5 and 9.2.6.	М	Pass
9.2.9	The word "product" in the above warnings, and in 11.1.1.2 below, can be replaced with a more specific designation such as bed rail, handle, cane, etc. or the brand name of the product.	М	Pass
10.	Permanency Of Labels And Warnings – Test Method		
10.1	A label (excluding labels attached by a seam) shall be considered permanent if, during an attempt to remove it without the aid of tools or solvents, it cannot be removed, or such action damages the surface to which it is attached.	М	Pass
10.2	A warning label attached by a seam shall be considered permanent if it does not detach when subjected to a 15 lbf (67-N) pull force applied in any direction using a 0.75 in.(19-mm) diameter clamp surface.	М	Pass
10.3	Adhesion test for warnings applied directly onto the surface of the product.	M	Pass
10.3.1	Apply the tape test defined in Test Method B, Cross-Cut Tape Test of Test Methods D3359, eliminating parallel cuts.	М	Pass
10.3.2	Perform this test once in each different location where warnings are applied.	M	Pass
10.3.3	The warning statements will be considered permanent if the printing in the area tested is still legible and attached after being subjected to this test.	M	Pass
11.	Instructional Literature	М	Pass
11.1	Product instructions provided shall be easy to read and understand. Assembly, installation, maintenance, cleaning, operating, and adjustment instructions and warnings, where applicable, shall be included. Drawings	М	Pass

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Section	Test Request	Result(s)	Verdict
	and diagrams shall be used to provide better understanding of set up and operation for use. Manufacturers shall include drawings depicting all of the entrapment zones, such as those available from the FDA or as applicable to the product.		2
11.1.1	The instructions shall include the same warning statements required in 9.2. In addition, instructions shall include the following:	M	Pass
11.1.1.1	Stop using immediately if damaged or broken, or if parts are missing.	M	Pass
11.1.1.2	Stop using immediately if product shifts out of its original position until it is readjusted into the correct position.	М	Pass
11.1.1.3	In addition to contacting the manufacturer directly, consumers should report		Pass
11.1.1.4	For further information, see: cpsc.gov/en/Safety-Education/Neighborhood-Safety-Network/Posters/Adult -Bed-Rails/ and www.fda.gov/bedsafety.	M	Pass
11.1.2	Products which use straps to meet the requirements of this specification shall include the warning: WARNING: If the strap provided is not properly secured the product may move into an unsafe position which increases the danger of entrapment. See instructions for proper use of the straps.	M	Pass
11.2	Warning statements located within the instructional literature shall meet the same requirements as specified in 9.2.1–9.2.4.	M	Pass

Note: M = Meet NA = Not Applicable



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2. CPSIA Tracking labels

Test method: As per CPSIA 2008 sec. 103. Tracking labels for children's products.

Requirement	Resu	lt(s) Verdict
On Packag	ing	(E)
Present on packaging	N	f Pass
Permanent	N	f Pass
Manufacturer or private labeler	N	f Pass
Location of production (City and country)	M	1 Pass
Date of production (month and year)	M	1 Pass
On Produ	ct	-
Present on product	N	1 Pass
Permanent	M	1 Pass
Location of production (City and country)	N	M Pass
Date of production (month and year)	N	1 Pass
Manufacturer or private labeler	M	1 Pass

Note: M = Meet

3. Consumer registration of durable infant or toddler products - 16 CFR 1130

	8	A Table	
Clause	Test request	Result(s)	Verdict
1130.3	General requirement	M	Pass
1130.4	Identification on the product	M	Pass
1130.5	Requirement for registration forms	M	Pass
1130.6	Requirements for format and text of registration forms	M	Pass
1130.7	Requirements for Web site registration or alternative e-mail registration	M	Pass

Note:

- 1. The registration card was provided with PDF version file, related letter height of marking and durability of marking were not be evaluated.
- 2. M = Meet



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4. USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint

Test Method and Test Equipment:

Test Item	Test Method	Test Equipment
Total Lead (Paint and Other Similar Surface Coatings)	CPSC-CH-E1003-09.1	ICP-OES

Test Item	Unit	MDL	Limit	Test Result(s)
Total Lead (Paint and Other Similar Surface Coatings)	mg/kg	5	90	N.D.

Note: 1. mg/kg= ppm

2. N.D.= Not Detected(<MDL)

3. MDL = Method Detection Limit

5. USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children's products containing Lead; Lead paint rule

Test Method and Test Equipment:

Test Item	Test Method	Test Equipment	
Total Lead(Non-Metal products)	CPSC-CH-E1002-08.3:2012	ICP-OES	
Total Lead (Metal products)	CPSC-CH-E1001-08.2:2012	ICP-OES	
Paint and Other Similar Surface Coatings	CPSC-CH-E1003-09.1	ICP-OES	

Tool Hom(s)	TI!4	MDI	Limit	Test Result(s)			
Test Item(s)	Unit MDL	MIDL	Lillit	3	4 6	5	
Total Lead(Non-Metal products)	mg/kg	5	100	N.D.	N.D.	N.D.	

T 414 ()	TT *4	MDI	9	Test Result(s)					
Test Item(s)	Unit	MDL	Limit	6	7	8			
Total Lead(Non-Metal products)	mg/kg	5	100	N.D.	N.D.	N.D.			

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Tool Home(s)	Unit	MDL	T imaid	Test F	Result(s)			
Test Item(s)	Unit	MIDL	Limit	1	2			
Total Lead(Metal products)	mg/kg	5	100	N.D.	N.D.			

Note: 1. mg/kg= ppm

2. N.D.= Not Detected(<MDL)

3. MDL = Method Detection Limit

6. USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates

Test Method and Test Equipment:

Test Item	Test Method	Test Equipment
Phthalate	CPSC-CH-C1001-09.4	GC-MS

T (1)	T T •4	MDI	T		Test Result(s)	
Test Item(s)	Unit	MDL	Limit	3	4	5
Dibutyl Phthalate(DBP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Benzylbutyl Phthalate (BBP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Diisononyl Phthalate(DINP)	mg/kg	50	1000	N.D.	N.D.	N.D.
Di-iso-butyl ortho-phthalate (DIBP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Di-n-pentyl phthalate (DPENP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Di-n-hexyl phthalate (DHEXP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	mg/kg	30	1000	N.D.	N.D.	N.D.



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Test Item(s)	TI24	MDI	T ::4			
	Unit	MDL	Limit	6	7	8
Dibutyl Phthalate(DBP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Benzylbutyl Phthalate (BBP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Diisononyl Phthalate(DINP)	mg/kg	50	1000	N.D.	N.D.	N.D.
Di-iso-butyl ortho-phthalate (DIBP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Di-n-pentyl phthalate (DPENP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Di-n-hexyl phthalate (DHEXP)	mg/kg	30	1000	N.D.	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	mg/kg	30	1000	N.D.	N.D.	N.D.

Note: 1. mg/kg= ppm

2. N.D.= Not Detected(<MDL)

3. MDL = Method Detection Limit

7. Phthalates content- Consumer Product Safety Improvement Act of 2008(H.R. 4040) & H.R.2715 amendment &16 CFR Part 1307-Prohibition of Children Toys and Child Care Articles Containing Specified Phthalates.

Test Method: CPSC-CH-C1001-09.4

Test Instrument: Gas Chromatography-Mass Spectrometer (GC-MS)

Test item(s)	CAS No.	Unit	MDL	Limit		Test Result(s	t Result(s)	
rest tielli(s)	CAS No.	Cint	NIDL	Limit	3	4 N.D. N.D. N.D. N.D. N.D.	5	
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg	30	1000	N.D.	N.D.	N.D.	
Dibutyl phthalate (DBP)	84-74-2	mg/kg	30	1000	N.D.	N.D.	N.D.	
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg	30	1000	N.D.	N.D.	N.D.	
Di-iso-nonyl phthalate (DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.	N.D.	N.D.	
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg	30	1000	N.D.	N.D.	N.D.	
Di-n-pentyl Phthalate (DPENP)	131-18-0	mg/kg	30	1000	N.D.	N.D.	N.D.	
Di-n-hexyl Phthalate (DHEXP)	84-75-3	mg/kg	30	1000	N.D.	N.D.	N.D.	
Dicyclohexly Phthalate (DCHP)	84-61-7	mg/kg	30	1000	N.D.	N.D.	N.D.	

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Test item(s)	CAS No.	Unit	MDL	Limit	- 52	Test Result(s)		
rest ttem(s)	rest temps	MIDL	Limit	6	8			
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg	30	1000	N.D.	N.D.	N.D.	
Dibutyl phthalate (DBP)	84-74-2	mg/kg	30	1000	N.D.	N.D.	N.D.	
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg	30	1000	N.D.	N.D.	N.D.	
Di-iso-nonyl phthalate (DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.	N.D.	N.D.	
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg	30	1000	N.D.	N.D.	N.D.	
Di-n-pentyl Phthalate (DPENP)	131-18-0	mg/kg	30	1000	N.D.	N.D.	N.D.	
Di-n-hexyl Phthalate (DHEXP)	84-75-3	mg/kg	30	1000	N.D.	N.D.	N.D.	
Dicyclohexly Phthalate (DCHP)	84-61-7	mg/kg	30	1000	N.D.	N.D.	N.D.	

Note:

- mg/kg=milligram per kilogram
- N.D. =Not Detected (<MDL)
- MDL=Method Detection Limit
- As specified by client, the mixed testing were conducted.
- As specified by client, only above test part(s) were analyzed.
- The soluble test results shown are of the adjusted analytical results.

Sample Description:

No.	Description	Œ.
1	Silver Metal Rod	
2	Silver Metal Bracket	
3	White Paint	10
4	Black Plastic Fastener	1000
5	Black Plastic Clips	100
6	Black Foam Tube	
7	Black Fabric	
8	Black Webbing	



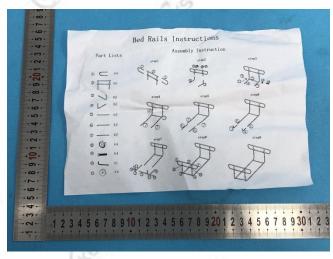
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Sample Photos:









*** End of Report ***

