

TEST REPORT No 96665 A

1. Customer **LENSTREAM LATVIJAS FILIĀLE LLC, 115A Rigas Street, Salaspils, Salaspils district, LV-2169, Latvia.**
2. Sample identification according to the request No L-22098 from 25/01/2023:
Sample name **Activity toy "Arch"**
Sample volume **1 article**

3. Sample description/photo

The activity toy is made of 9 plywood elements, designed for customer self-assembly. Metal screws are used to fasten the elements.

The activity toy is packed in a cardboard box. The metal mounting screws together with Z-type hexagonal screwdriver are packed in a separate polymer bag. Assembly instructions are added.

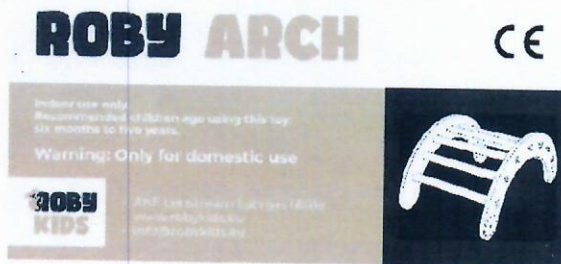
The label on the box: ROBY ARCH. Indoor use only. Recommended children age using this toy: six months to five years. Warning: Only for domestic use. ROBY KIDS AKF Lenstream Latvijas filiāle. www.robykids.eu info@robekids.eu. CE marking.

Information on the assembly instructions: ROBY KIDS ROBY ARCH Manual.

CE marking. Recommended children age using this toy: six months to five years. Warning: Only domestic use. AKF Lenstream Latvijas filiāle / www.robykids.eu / info@robekids.eu For indoor use only.



Dimensions: Length 715 mm; Width 537 mm; Height 313 mm.



The label on the package box

4. Testing time

Received
25/01/2023

Started
30/01/2023

Finished
24/02/2023

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5. Test results and methods

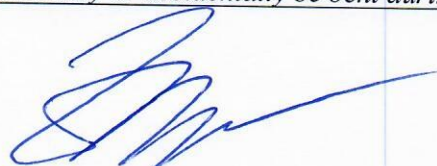
The sample was tested assembled according to the instructions.

5.1 Mechanical and physical properties.

EN 71-1:2014+A1:2018 Safety of toys - Part 1: Mechanical and physical properties

Sub-clause	Requirement - Assessment	Test result
4	General requirements	
4.1	Material cleanliness. <i>The materials used are visually clean.</i>	Pass the test
4.2	Assembly. <i>The sample is accompanied by montage instructions. The sample is intended to be assembled by an adult.</i>	Pass the test
4.3	Flexible plastic sheeting. <i>The sample does not contain flexible plastic sheeting.</i>	Not applicable
4.4	Toy bags. <i>The sample does not contain toy bags.</i>	Not applicable
4.5	Glass. <i>The sample does not contain accessible glass.</i>	Pass the test
4.6	Expanding materials. <i>The sample does not contain expanding materials.</i>	Not applicable
4.7	Edges. <i>The accessible edges of the sample components cannot cause injury.</i>	Pass the test
a)	Edges of metal or glass. <i>The sample does not contain edges of metal and edges of glass.</i>	Not applicable
b)	Edges in overlap joints. <i>The sample does not contain overlap joints.</i>	Not applicable
c)	Edges of metal including fastenings (e.g. screw heads) and of rigid polymeric material shall be free from burr capable of causing wounds or abrasion. <i>Edges of metal screw heads are free from burr capable of causing wounds or abrasion. The screw heads sink into the plywood after assembly and are not accessible. The sample does not contain edges of rigid polymeric materials.</i>	Pass the test
d)	Hazardous sharp functional edges. <i>The sample does not contain hazardous sharp functional edges.</i>	Not applicable
4.8	Points and metallic wires	
a)	Points are considered as potentially hazardous sharp points if they are sharp as determined according to 8.12 (sharpness of points). <i>The sample does not contain hazardous sharp points when tested according to 8.12 (sharpness of points).</i>	Pass the test
b)	Hazardous sharp functional points. <i>The sample does not contain hazardous sharp functional points.</i>	Not applicable
c)	Metallic wires and other metallic components that are designed and intended to be bent. <i>The sample does not contain metallic wires and other metallic components that are designed and intended to be bent.</i>	Not applicable
d)	Metallic wires that are not designed to be bent but are likely to occasionally or accidentally be bent during play. <i>The sample does not contain metallic wires that are not designed to be bent but are likely to occasionally or accidentally be bent during play.</i>	Not applicable

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Sub-clause	Requirement - Assessment	Test result
e)	Splinters on surfaces and accessible edges of toys shall not present an unreasonable risk of injury taking into account the foreseeable use of the toy. <i>Accessible edges are free from splinters and do not present an unreasonable risk of injury.</i>	Pass the test
4.9	Protruding parts. <i>The sample does not contain protruding parts.</i>	Pass the test
4.10	Parts moving against each other. <i>The sample does not contain parts moving against each other.</i>	Not applicable
4.11	Mouth-actuated toys and other toys intended to be put in the mouth. <i>The sample does not contain mouth-actuated toys and other toys intended to be put in the mouth.</i>	Not applicable
4.12	Balloons. <i>The sample does not contain balloons.</i>	Not applicable
4.13	Cords of toy kites and other flying toys. <i>The sample does not contain cords of toy kites and other flying toys.</i>	Not applicable
4.14	Enclosures <i>The sample does not contain enclosures.</i>	Not applicable
4.15	Toys intended to bear mass of a child	
4.15.1	Toys propelled by a child or by other means. <i>This toy is not propelled by a child or by other means.</i>	Not applicable
4.15.2	Toy bicycles. <i>This toy is not a toy bicycle.</i>	Not applicable
4.15.3	Rocking horses and similar toys. <i>This toy is not a rocking horse and similar toy.</i>	Not applicable
4.15.4	Toys not propelled by a child. Toys not propelled by a child but designed to bear the mass of a child (but not toys covered by EN 71-8) shall conform to the requirements a) to d). <i>This activity toy is subject to the requirements of EN 71-8, so the requirement of this point does not apply to it.</i>	Not applicable
4.15.5	Toy scooters. <i>The sample is not a toy scooter.</i>	Not applicable
4.16	Heavy immobile toys. Immobile toys with a mass of 4.5 kg or more and intended to rest on the floor but not to bear the mass of a child shall not tip over when tested according to 8.23.2 (stability, heavy immobile toys). <i>The weight of the arch is 3.4 kg. The projected base area of the arch is 0.384 m². The volume occupied by the arch is 0.12 m³. The toy can be placed on the floor without a load on the child's weight. The toy does not tip over when tested according to 8.23.2 (stability, heavy immobile toys).</i>	Pass the test
4.17	Projectiles. <i>The sample does not contain projectiles.</i>	Not applicable
4.18	Aquatic toys and inflatable toys. <i>This toy is not an aquatic or inflatable toy.</i>	Not applicable
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps. <i>The sample does not contain percussion caps.</i>	Not applicable
4.20	Acoustics. <i>The sample is not an acoustic toy.</i>	Not applicable

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Sub-clause	Requirement - Assessment	Test result
4.21	Toys containing a non-electrical heat source. <i>The sample does not contain a non-electrical heat source.</i>	Not applicable
4.22	Small balls. <i>The sample does not contain small balls.</i>	Not applicable
4.23	Magnets. <i>The sample does not contain magnets.</i>	Not applicable
4.24	Yo-yo balls. <i>The sample does not contain yo-yo balls.</i>	Not applicable
4.25	Toys attached to food. <i>The sample is not a toy attached to food.</i>	Not applicable
4.26	Toy Disguise Costumes. <i>The samples do not contain toy disguise costumes.</i>	Not applicable
4.27	Flying toys. <i>The sample is not a flying toy.</i>	Not applicable
5	Toys intended for children under 36 months. <i>The sample is intended for children under 36 months.</i>	
5.1	General requirements	
a)	Toys and removable components of toys. Toys and removable components of toys shall not, whatever their position, fit entirely in the cylinder when tested according to 8.2 (small parts cylinder). <i>The sample does not fit in the small parts cylinder when tested according to 8.2. The sample does not contain removable components.</i>	Pass the test
b)	Tension tests. When tested according to 8.3 (torque test), 8.4.2.1 (tension test, general), 8.5 (drop test), 8.7 (impact test), and 8.8 (compression test), toys shall not produce any parts which, whatever their position, fit entirely in the cylinder when tested according to 8.2 (small parts cylinder), or exhibit accessible hazardous sharp edges, or accessible hazardous sharp points. <i>When tested according to 8.4.2.1 (tension test, general), 8.3 (torque test), 8.7 (impact test), and 8.8 (compression test), the sample does not produce small parts, accessible hazardous sharp points or sharp edges.</i>	Pass the test
c)	Metal points and wires with a cross section of 2 mm or less. <i>The sample does not contain metal points and wires with a cross section of 2 mm or less.</i>	Not applicable
d)	Large and bulky toys. <i>The sample does not tip over when tested according to 8.6</i>	Pass the test
e)	Glued wooden toys and toys with glued-on plastic decals shall be tested according to 8.9 (soaking test). <i>The sample is not a glued wooden toy. The sample does not contain glued-on plastic decals.</i>	Not applicable
f)	The casing of toys intended for children too young to sit up unaided, shall not crack when tested according to 5.1 b). <i>The samples are not intended for children who are too young to sit up unaided.</i>	Not applicable

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Sub-clause	Requirement - Assessment	Test result
g)	Foam toys and toys containing accessible foam components. <i>The sample is not a foam toy. The sample does not contain accessible foam components.</i>	Not applicable
5.2	Soft-filled toys and soft-filled parts of a toy. <i>This is not a soft filled toy. The sample does not contain soft filled parts.</i>	Not applicable
5.3	Plastic sheeting. <i>The sample does not contain plastic sheeting.</i>	Not applicable
5.4	Cords, chains and electrical cables in toys. <i>The sample does not contain cords, chains and electrical cables.</i>	Not applicable
5.5	Liquid-filled toys. <i>The sample is not a liquid filled toy</i>	Not applicable
5.6	Speed limitation of electrically-driven ride-on toys <i>The sample is not an electrically-driven ride-on toy.</i>	Not applicable
5.7	Glass and porcelain. <i>The sample does not contain glass and porcelain.</i>	Pass the test
5.8	Shape and size of certain toys (toys intended for children too young to sit up unaided). <i>The sample is not intended for children who are too young to sit up unaided.</i>	Not applicable
5.9	Toys comprising monofilament fibres. <i>The sample does not contain monofilament fibres.</i>	Not applicable
5.10	Small balls. <i>The sample does not contain small balls.</i>	Not applicable
5.11	Play figures. <i>The sample does not contain play figures.</i>	Not applicable
5.12	Hemispheric-shaped toys. <i>The sample is not a hemispheric-shaped toy.</i>	Not applicable
5.13	Suction cups. <i>The sample does not contain suction cups.</i>	Not applicable
5.14	Straps intended to be worn fully or partially around the neck. <i>The sample does not contain any straps intended to be worn fully or partially around the neck.</i>	Not applicable
5.15	Sledges with cords for pulling. <i>The sample does not contain sledges with cords for pulling.</i>	Not applicable
6	Packaging. <i>The sample contains a packaging.</i>	
a)	Plastic sheeting and bags made of flexible plastics used for external or internal packaging, shall have an average sheet thickness of 0,038 mm or more when tested according to 8.25.1 (plastic sheeting, thickness). <i>The sample packaging contains a plastic bag, which forms a flexible plastic sheet. Bag double layer sheet average thickness is 0,080 mm, when tested according to 8.25.1 (plastic sheeting, thickness), it is more than 0,038 mm.</i>	Pass the test
b)	Bags made of flexible plastics with an opening perimeter greater than 380 mm shall not have a drawstring or cord as a means of closing. <i>The sample packaging contains plastic bag without drawstring as a mean of closure. The opening perimeter of the bag is 160 mm.</i>	Pass the test

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Sub-clause	Requirement - Assessment	Test result
c)	Small balls in packaging. <i>The sample packaging does not contain small balls.</i>	Pass the test
d)	Separable parts of packaging, which are small balls or have a cylindrical shape with a rounded end. <i>The sample packaging does not contain separable small balls or parts with a rounded end.</i>	Pass the test
e)	Hemispheric-shaped containers as part of the packaging for toys. <i>The sample packaging does not contain hemispheric-shaped containers as part of the packaging.</i>	Pass the test
7	Warnings, markings and instructions for use	
7.1	General. -Proportions and height (6.0 mm) of the CE – markings conform to EC Regulation No 765/2008. -Manufacturer's address and name are specified. <i>The label and instructions first page contain appropriate warnings.</i>	Pass the test
7.2	Toys not intended for children under 36 months.	Not applicable
7.3	Latex balloons	Not applicable
7.4	Aquatic toys	Not applicable
7.5	Functional toys	Not applicable
7.6	Hazardous sharp functional edges and points	Not applicable
7.7	Projectile toys	Not applicable
7.8	Imitation protective masks and helmets	Not applicable
7.9	Toy kites	Not applicable
7.10	Roller skates, inline skates and skateboards and certain other ride-on toys	Not applicable
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	Not applicable
7.12	Liquid-filled teethingers	Not applicable
7.13	Percussion caps specifically designed for use in toys	Not applicable
7.14	Acoustics	Not applicable
7.15	Toy bicycles	Not applicable
7.16	Toys intended to bear the mass of a child	Not applicable
7.17	Toys comprising monofilament fibres	Not applicable
7.18	Toy scooters	Not applicable
7.19	Rocking horses and similar toys	Not applicable
7.20	Magnetic/electrical experimental sets	Not applicable
7.21	Toys with electrical cables exceeding 300 mm in length	Not applicable
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	Not applicable
7.23	Toys intended to be attached to a cradle, cot or perambulator	Not applicable
7.24	Sledges with cords for pulling	Not applicable
7.25	Flying toys	Not applicable
7.26	Improvised projectiles	Not applicable

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5.2 Flammability.

EN 71-2:2020 Safety of toys - Part 2: Flammability

Sub-clause	Requirement - Assessment	Test result
4	Requirements	
4.1	General requirements. <i>The sample does not contain flammable materials mentioned in this European Standard.</i>	Pass the test
4.2	Toys to be worn on the head. <i>The sample is not intended to be worn on the head.</i>	Not applicable
4.3	Toy disguise costumes and toys intended to be worn by a child in play. <i>The sample does not contain toy disguise costumes and toys intended to be worn by a child in play.</i>	Not applicable
4.4	Toys intended to be entered by a child. <i>The sample is not intended to be entered by a child.</i>	Not applicable
4.5	Soft-filled toys. <i>The sample is not a soft-filled toy.</i>	Not applicable

5.3 Migration of certain elements

Method: EN 71-3:2019+A1:2021 Safety of toys - Part 3: Migration of certain elements

Tested materials: Unpainted plywood and metal screws

Element	Material	Limit acc. to EN71-3, (Category III), mg/kg	Results, mg/kg	
			Unpainted plywood	Metal screws
Aluminium		28130	ND	116
Antimony		560	ND	ND
Arsenic		47	ND	ND
Barium		18750	9	ND
Boron		15000	ND	ND
Cadmium		17	ND	ND
Chromium (III)		460	1.5	81
Chromium (VI) ^a		0.053	ND	ND
Cobalt		130	ND	ND
Copper		7700	ND	ND
Lead		23	ND	ND
Manganese		15000	100	ND
Mercury		94	ND	ND
Nickel		930	ND	ND
Selenium		460	ND	ND
Strontium		56000	13	ND
Tin		180000 Tin 12 Organic Tin	ND	ND
Zinc		46000	98	6194

Notes:

ND - Not detected (lower than method detection limit)

^a- Analysis was performed by UV spectrometry method T-138-30-01:2013*

* - The method is not included in the scope of accreditation

Analysis of general elements was performed by Inductively Coupled Plasma Optical Emission Spectrometry.

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Detection limits: Aluminium-10 mg/kg; Antimony-1 mg/kg; Arsenic-0.5 mg/kg; Barium-5 mg/kg; Boron-10 mg/kg; Cadmium-0.2 mg/kg; Chromium-0.2 mg/kg; Chromium (VI)-0.02 mg/kg; Cobalt-5 mg/kg; Copper-10 mg/kg; Lead-0.5 mg/kg; Manganese-10 mg/kg; Mercury-0.5 mg/kg; Nickel-5 mg/kg; Selenium-1 mg/kg; Strontium-10 mg/kg; Tin-2 mg/kg; Zinc-10 mg/kg.

5.4 Mechanical and physical properties for activity toys. EN 71-8:2018 Safety of toys – Part 8: Activity toys for domestic use

Sub-clause	Requirement - Assessment	Test result
4	Requirements	
4.1	General	
4.1.1	Assembly. <i>The article is assembled using self-locking mechanisms (self-taping screws).</i>	Pass the test
4.1.2	Static strength. <i>The arch surface area 0.38 m² provides that at the same time it can fit maximum 1 user. When tested according to 6.3.2 with a mass of 50 kg per user, sample does not collapse so that the toy does not comply with the relevant requirements of EN 71-1.</i>	Pass the test
4.1.3	Maximum height. When measured from the ground, there shall be no part of the activity toy where the where the child is able to climb, sit or stand above a height of 2500 mm. <i>The sample maximum height is 313 mm. There is no part of the article where the child is able to climb, sit or stand above a height of 2500 mm.</i>	Pass the test
4.1.4	Corners and edges. Corners and exposed edges shall be rounded. Corners and exposed edges on moving parts shall have a minimum radius of 3 mm. <i>Exposed edges are rounded. The sample does not contain moving parts.</i>	Pass the test
4.1.5	Protruding parts. <i>The sample does not contain protrusions on accessible parts. Threaded bolt ends are recessed.</i>	Pass the test
4.1.6	Diameter of ropes and other means of suspension. <i>The sample does not contain ropes or other means of suspension.</i>	Pass the test
4.1.7	Water accumulation. Except when intended for water play, all parts of activity toys should be designed so that they do not accumulate water which could produce drowning hazard. <i>The activity toy is designed so that it can't accumulate water.</i>	Pass the test
4.2	Barriers, handrails and ladders and similar means of access to activity toys.	
4.2.1	Barriers, handrails preventing a child from falling down. Any platform 1000 or more from the ground shall be equipped with a barrier on all sides that face outwards from the toy. <i>Construction of sample does not include any platform with height of 1000 mm or more from the ground. Therefore barriers, handrails and ladders and similar means of access to activity toys are not necessary.</i>	Not applicable
4.2.2	Ladders and similar means of access to activity toys. <i>Construction of sample does not include any platform with height of 600 mm or more from the ground, therefore ladders and similar means of access are not used.</i>	Not applicable

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Sub-clause	Requirement - Assessment	Test result
4.3	Entrapment	
4.3.1	Head and neck entrapment. <i>The sample is constructed in such a way that openings do not create head and neck entrapment hazards.</i>	Pass the test
a)	Accessible completely bound openings with a lower edge more than 600 mm above ground, or above any other surface which is of such a size that it will support a child, shall be tested in accordance with 6.5.1 (head and neck entrapment in accessible completely bound openings). Probes C or E shall not pass through any opening unless it also allows the passage of the large head probe D. <i>The sample does not contain accessible completely bound openings with a lower edge of 600 mm or more above the ground.</i>	Pass the test
b)	Accessible completely bound openings, that allow the free passage of probe C, when tested according to 6.5.1, shall have no parts that converge in the downward direction at an angle of less than 60° if the lower edge is 600 mm or more above the ground (V-shaped opening). <i>All accessible completely bound openings have no parts that converge in the downward direction at an angle of less than 60° (V-shaped opening).</i>	Pass the test
c)	Partially bound and V-shaped openings with an entrance at 600 mm or more above the ground, or above any other surface which is of such a size that it will support a child. <i>The sample does not contain partially bound and V-shaped openings with an entrance at 600 mm or more above the ground, or above any other surface which is of such a size that it will support a child.</i>	Pass the test
d)	Non rigid members. <i>The sample does not contain non rigid members.</i>	Not applicable
e)	Openings between flexible parts of suspended bridges and any rigid side members. <i>The sample does not contain flexible parts of suspended bridges.</i>	Not applicable
f)	Swing devices with suspension ropes hanging from a crossbeam shall not create a head and neck entrapment in the area of the starting and sliding sections of slides. <i>The sample does not contain swing devices.</i>	Not applicable
4.3.2	Entrapment of clothing and hair. Slides, fireman's poles and roofs shall be constructed so that hazardous situations in which clothing or hair can be entrapped are not created. <i>The sample does not contain roofs, slides and fireman's poles. The sample does not create clothing and hair entrapment hazards. The sample does not contain gaps or V-shaped openings, protrusions and spindles/rotating parts.</i>	Pass the test
4.3.3	Entrapment of feet. Surfaces intended for standing, running or walking shall not contain any gaps likely to cause foot or leg entrapment. There shall be no gaps greater than 30 mm measured in one direction. <i>The sample does not contain surfaces intended for standing, running or walking. All surfaces of the sample are intended for climbing only.</i>	Pass the test

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Sub-clause	Requirement - Assessment	Test result
	Entrapment of fingers	
4.3.4	Circular holes at a height of more than 1000 mm from the supporting surface in any rigid material that are within the reach of a child during use of the toy, when there is a risk of a finger entrapment combined with the risk of falling down, shall not allow a 7 mm diameter rod to be inserted to a depth of 10 mm or more, unless a 12 mm rod can also be inserted. <i>The sample does not contain circular holes at a height of more than 1000 mm.</i>	Pass the test
	Holes, slots and gaps in any rigid material that are within the reach of a child during use of the toy, when the body of the child is in a forced movement shall not allow a 7 mm diameter rod to be inserted to a depth of 10 mm or more, unless a 12 mm rod can also be inserted. <i>The body of the child is not in a forced movement during use the sample.</i>	Not applicable
4.4	Stability of activity toys other than slides, swings and activity toys with crossbeams, and see-saws	
4.4.1	General. <i>The sample is not supplied with anchors and shall be subjected to stability tests</i>	
4.4.2	Stability of activity toys with a free height of fall of 600 mm or less. <i>The free height of fall of the activity toy is 275 mm. The arch surface area 0.38 m² provides that at the same time it can fit maximum 1 user. The sample does not tip over when tested according to 6.2.1 with a mass of 50 kg per user.</i>	Pass the test
4.4.3	Stability of activity toys with a free height of fall of more than 600 mm. <i>Construction of arch does not include any surface with height of fall more than 600 mm.</i>	Not applicable
4.5	Slides. <i>The sample does not contain slides.</i>	Not applicable
4.6	Swings. <i>The sample does not contain swings.</i>	Not applicable
4.7	See-saws. <i>The sample does not contain see-saws.</i>	Not applicable
4.8	Carousels and rocking activity toys. <i>The sample does not contain carousels and rocking activity toys.</i>	Not applicable
4.9	Paddling pools. <i>The sample does not contain paddling pools.</i>	Not applicable
5	Warnings, markings, and instructions	
5.1	Warnings and markings. The activity toy or its packaging shall, where appropriate, carry warnings regarding the minimum and/or maximum user age, and minimum and/or maximum user weight, and whether the activity toy is intended for indoor or outdoor use. These warnings shall be preceded by the word: "Warning" or "Warnings", as appropriate, and be clearly visible at the time of purchase: The activity toy or its packaging shall carry the following warning. The warning shall be clearly visible at the time of purchase: "Warning. Only for domestic use." <i>The following warning is given: "Indoor use only. Recommended children age using this toy: six months to five years. Warning: Only for domestic use." The activity toy label and instructions first page contain the necessary warnings.</i>	Pass the test

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Sub-clause	Requirement - Assessment	Test result
5.2	Assembly and installation instructions. <i>The article is accompanied by the montage instructions.</i>	Pass the test
5.3	Maintenance. <i>The design of the sample is too simple to require instructions for maintenance.</i>	Not applicable

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