

Test Report

Report No.: GNBC250903136-02EN

Issue Date: Sep. 24, 2025

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The following information was/were submitted and identified by/on behalf of the client:

Applicant : Xplorys B.V.
Address : Dopplerstraat 12 - 1704 SR Heerhugowaard The Netherlands
Sample Name : Dooky Junior Ear Protection
Reference Model : 3001122/3001123/3001124
Applied Testing Age : 3+ Years
Sample Receive Date : Sep. 03, 2025
Sample Testing Period : Sep. 03, 2025 - Sep. 09, 2025
Test Result Summary :

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

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Mechanical and physical properties	EN 71-1:2014+A1:2018 - Safety of toys - Part 1, which supports essential requirements of EU Directive 2009/48/EC on the safety of toys (Excluding clause 7.1 & 7.2 about packaging information)	PASS
Flammability	EN 71-2:2020 - Safety of toys - Part 2, which supports essential requirements of EU Directive 2009/48/EC on the safety of toys	PASS
Migration of certain elements	EN 71-3:2019+A2:2024 - Safety of toys - Part 3, which supports essential requirements of EU Directive 2009/48/EC and its amendments on the safety of toys	PASS

Authorized signature:



Lab Manager: Gavin Zhou



Sep. 24, 2025

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Test Result(s):

1. Mechanical and physical properties - EN 71-1:2014+A1:2018, Safety of Toys, Part 1, which supports essential requirements of EU Directive 2009/48/EC on the safety of toys

As specified in European Standard EN 71-1:2014+A1:2018 of Mechanical and physical properties

Labelled Age Group : Not Present
Applicant's Specified Testing Age : 3+ Years
Applied Testing Age : 3+ Years

Clause	Test Item(s)	Assessment
4	General Requirements	
4.1	Material cleanliness (by visual assessment)	PASS
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	PASS
4.8	Points and metallic wires	PASS
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.10.1	Folding and sliding mechanisms	NA
4.10.2	Driving mechanisms	NA
4.10.3	Hinges	NA
4.10.4	Springs	NA
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.14.1	Toys which a child can enter	NA
4.14.2	Masks and helmets	NA
4.15	Toys intended to bear the mass of a child	NA
4.15.1	Toys propelled by a child or by other means	NA
4.15.2	Toy bicycles	NA
4.15.3	Rocking horses and similar toys	NA
4.15.4	Toys not propelled by a child	NA
4.15.5	Toy scooters	NA
4.16	Heavy immobile toys	NA
4.17	Projectile toys	NA
4.17.2	All projectiles	NA
4.17.3	Projectile toys with stored energy	NA
4.17.4	Certain projectile toys without stored energy	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.20.2.2	Close-to-the-ear toys	NA
4.20.2.3	Table-top or floor toys	NA
4.20.2.4	Hand-held toys	NA
4.20.2.5	Toys using headphones or earphones	NA

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Clause	Test Item(s)	Assessment
4.20.2.6	Rattles	NA
4.20.2.7	Squeeze toys	NA
4.20.2.8	Pull-along or push toys	NA
4.20.2.9	Percussion toys	NA
4.20.2.10	Wind toys	NA
4.20.2.11	Cap-firing toys	NA
4.20.2.12	Voice toys	NA
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.23.2	Toys other than magnetic/electrical experimental sets intended for children over 8 years	NA
4.23.3	Magnetic/electrical experimental sets intended for children over 8 years	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy Disguise Costumes	NA
4.27	Flying toys	NA
4.27.2	Rotors and propellers on flying toys	NA
4.27.3	Rotors and propellers on remote controlled flying toys	NA
5	Toys intended for children under 36 months	
5.1	General requirements	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.4.2	Cords and chains in toys intended for children under 18 months	NA
5.4.3	Cords and chains in toys intended for children of 18 months or over but under 36 months	NA
5.4.4	Fixed loops, tangled loops and nooses	NA
5.4.5	Cords and chains on pull along toys	NA
5.4.6	Electrical cables	NA
5.4.7	Cross-sectional dimension of certain cords	NA
5.4.8	Self-retracting cords	NA
5.4.9	Toys attached to or intended to be strung across a cradle, cot or perambulator	NA
5.5	Liquid-filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	
7.1	General	NR
7.2	Toys not intended for children under 36 months	NR See Note 4
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectile toys	NA

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Clause	Test Item(s)	Assessment
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	NA
7.11	Toys intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethingers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA
7.24	Sledges with cords for pulling	NA
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

- Note:**
1. NA = Not Applicable.
 2. NR = Not Requested by client.
 3. According to EU Directive 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.
 4. According to the 2009/48/EC directive, toys which are not intended for, but might be dangerous for children under 36 months shall bear a warning, for example, "Warning. Not suitable for children under 36 months. Small parts" or "Warning. Not suitable for children under three years. Small parts", together with a brief indication of the specific hazard calling for this restriction.

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2Flammability - EN 71-2:2020 - Safety of toys - Part 2, which supports essential requirements of EU Directive 2009/48/EC on the safety of toys

As specified in European Standard EN 71-2:2020 of Flammability

Clause	Test Item(s)	Assessment
4	Requirements	
4.1	General requirements	PASS
4.2	Toys to be worn on the head	NA
4.2.2	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude 50mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude less than 50mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, headdresses including upward protruding items and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and paperboard masks, eye masks, face masks), but excluding those covered by 4.3	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys	NA
Note:	1. NA = Not Applicable.	

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Test Part Description:

Part No.	Description
<u>01</u>	Pink artificial leather
<u>02</u>	Black fabric
<u>03</u>	Black plastic part
<u>04</u>	Silvery metal part
<u>05</u>	Black artificial leather
<u>06</u>	Black sponge
<u>07</u>	Pink plastic shell

3. Migration of certain elements - EN 71-3:2019+A2:2024 - Safety of toys - Part 3, which supports essential requirements of EU Directive 2009/48/EC and its amendments on the safety of toys

Test Method: EN 71-3:2019+A2:2024, Acid extraction and determined by ICP-OES, ICP-MS

For Category III: Scraped-off toy material

Test item(s)	Limit	Unit	RL	Result(s)			
				<u>01</u>	<u>02</u>	<u>03</u>	<u>04</u>
Soluble Aluminum (Al)	28130	mg/kg	200	N.D.	N.D.	N.D.	N.D.
Soluble Antimony (Sb)	560	mg/kg	10	N.D.	19	N.D.	N.D.
Soluble Arsenic (As)	47	mg/kg	10	N.D.	N.D.	N.D.	N.D.
Soluble Barium (Ba)	18750	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Soluble Boron (B)	15000	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Soluble Cadmium (Cd)	17	mg/kg	10	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (III)	460	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (VI)	0.053	mg/kg	0.0025	N.D.	N.D.	N.D.	N.D.
Soluble Cobalt (Co)	130	mg/kg	10	N.D.	N.D.	N.D.	N.D.
Soluble Copper (Cu)	7700	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Soluble Lead (Pb)	23	mg/kg	10	N.D.	N.D.	N.D.	N.D.
Soluble Manganese (Mn)	15000	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Soluble Mercury (Hg)	94	mg/kg	10	N.D.	N.D.	N.D.	N.D.
Soluble Nickel (Ni)	930	mg/kg	10	N.D.	N.D.	N.D.	N.D.
Soluble Selenium (Se)	460	mg/kg	10	N.D.	N.D.	N.D.	N.D.
Soluble Strontium (Sr)	56000	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Soluble Tin (Sn)	180000	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Soluble Organic Tin	12	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Soluble Zinc (Zn)	46000	mg/kg	200	N.D.	N.D.	N.D.	N.D.
Conclusion(s)				PASS	PASS	PASS	PASS

Test item(s)	Limit	Unit	RL	Result(s)		
				<u>05</u>	<u>06</u>	<u>07</u>
Soluble Aluminum (Al)	28130	mg/kg	200	N.D.	N.D.	N.D.
Soluble Antimony (Sb)	560	mg/kg	10	N.D.	N.D.	N.D.
Soluble Arsenic (As)	47	mg/kg	10	N.D.	N.D.	N.D.
Soluble Barium (Ba)	18750	mg/kg	50	N.D.	N.D.	N.D.

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Test item(s)	Limit	Unit	RL	Result(s)		
				05	06	07
Soluble Boron (B)	15000	mg/kg	50	N.D.	N.D.	N.D.
Soluble Cadmium (Cd)	17	mg/kg	10	N.D.	N.D.	N.D.
Soluble Chromium (III)	460	mg/kg	5	N.D.	N.D.	N.D.
Soluble Chromium (VI)	0.053	mg/kg	0.0025	N.D.	N.D.	N.D.
Soluble Cobalt (Co)	130	mg/kg	10	N.D.	N.D.	N.D.
Soluble Copper (Cu)	7700	mg/kg	50	N.D.	N.D.	N.D.
Soluble Lead (Pb)	23	mg/kg	10	N.D.	N.D.	N.D.
Soluble Manganese (Mn)	15000	mg/kg	50	N.D.	N.D.	N.D.
Soluble Mercury (Hg)	94	mg/kg	10	N.D.	N.D.	N.D.
Soluble Nickel (Ni)	930	mg/kg	10	N.D.	N.D.	N.D.
Soluble Selenium (Se)	460	mg/kg	10	N.D.	N.D.	N.D.
Soluble Strontium (Sr)	56000	mg/kg	50	N.D.	N.D.	N.D.
Soluble Tin (Sn)	180000	mg/kg	50	N.D.	N.D.	N.D.
Soluble Organic Tin	12	mg/kg	5	N.D.	N.D.	N.D.
Soluble Zinc (Zn)	46000	mg/kg	200	N.D.	N.D.	N.D.
Conclusion(s)				PASS	PASS	PASS

Note: 1. 1000mg/kg = 0.1%;
 2. RL = Report Limit;
 3. N.D. = Not Detected (<RL);
 4. Soluble Chromium (III), Chromium (VI) and Organic Tin were not directly determined and were derived from migration result(s) of Soluble Chromium element and Soluble Tin element respectively.

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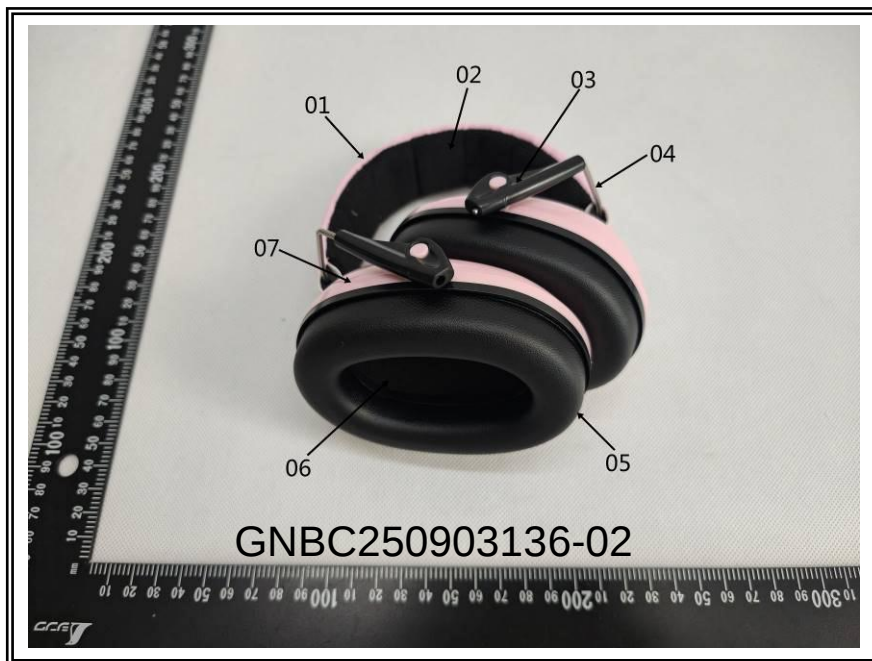
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Sample Photo(s):



GIG authenticate the photo(s) on original report only

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ANNEX

Other photo(s)



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