TEST REPORT

Applicant: VTECH ELECTRONICS LIMITED
23/F BLK 1 TAI PING IND CTR
57 TING KOK RD
TAI PO NT
HK

Attn: R.Y. LI / LEDA YANG

Number: HKGH0297926905 S1

Date: Jun 19, 2023

This is to supersede Report No. HKGH0297926905 dated May 12, 2023 due to information update

Sample and Information provided by customer :

Item Name	:	**KIDIZOON DUO FX.WITH HEADPHONE,BLUE,VTFR**
Style No	:	**80-519905/80-519989/80-519901/80-519902/80-519903/80-519904/80-519900/80-519906/80-519907/80-519918/80-519919/80-519922/80-519923/80-519924/80-519925/80-519939/80-519949/80-519952/80-519953/80-519954/80-519955/80-519957/80-519961/80-519962/80-519963/80-519964/80-519965/80-519966/80-519967/80-519968/80-519969/80-519970/80-519959/80-5199XX**
Quantity	:	5 sets
Labelled Age Group	:	4-10 Years
Appropriate age grade	:	Ages over 3 years
Packaging Provided	:	Yes
Date Code	:	VT23091F
Date sample received	:	Mar 07, 2023
Test Period	:	Mar 07, 2023 to Mar 28, 2023

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For and on behalf of :
Intertek Testing Services HK Ltd.

Cindy I.K. Chan
Vice President

Intertek Testing Services Hong Kong Limited
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TEST REPORT

Number : HKGH0297926905 S1

Conclusion:
The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

	Requirement	Result
(1)	EN 71-2:2020 - Flammability Test	Pass
(2)	EN 71-3:2019 and Directive (EU) 2019/1922 amending 2009/48/EC effective from 20 May 2021 - Migration of certain elements	Pass
(3)	Directive (EU) 2019/1922 amending 2009/48/EC effective from 20 May 2021 - Soluble Aluminium (Al) Content	Pass
(4)	EN 71-1 : 2014 + A1 : 2018 - Mechanical and physical properties	Pass
(5)	EN 71-2:2020 - Flammability Test	Pass
(6)	EN 71-12: 2016 - N-Nitrosamines and N-Nitrosatable Substances	Not Applicable
(7)	REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52, amendment no. 552/2009 & 2018/2005 - Phthalates content	Pass
(8)	94/62/EC and its amendment (packaging waste) - Toxic elements test	Pass

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Decision Rule(s):
When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. https://intertekhk.grd.by/decision-rule-doc..
If decision rule already inhered in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.
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(1) Flammability Test

Test Standard : European Standard on Safety of Toys EN 71-2:2020

Clause	Requirement	Assessment
4.1	General requirements	P
4.2	Toys to be worn on the head	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

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Mar 07, 2023
Test Period : Mar 07, 2023 to Mar 28, 2023

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TEST REPORT

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(2) 19 Toxic Element Migration Test

Test Method : EN 71-3:2019. Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry and Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry and/or Gas Chromatographic - Mass Spectrometry

Category (III): Scraped-off toy material:

	Result (mg/kg)			Limit
	(5)	(8)	(9)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

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	Result (mg/kg)			Limit
	(10)	(11)	(12)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
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	Result (mg/kg)			Limit
	(13)	(14)	(15)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
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	Result (mg/kg)			Limit
	(16)	(17)	(18)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
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Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
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	Result (mg/kg)			Limit
	(19)	(20)	(21)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
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Soluble Selenium (Se)	<10	<10	<10	460
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	Result (mg/kg)			Limit
	(22)	(23)	(24)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
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Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
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	Result (mg/kg)			Limit
	(25)	(26)	(27)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
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Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
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TEST REPORT

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	Result (mg/kg)			Limit
	(28)	(29)	(30)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
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	Result (mg/kg)			Limit
	(31)	(32)	(33)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
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	Result (mg/kg)			Limit
	(34)	(35)	(36)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
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Soluble Nickel (Ni)	<10	<10	<10	930
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	Result (mg/kg)			Limit
	(37)	(38)	(39)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
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	Result (mg/kg)			Limit
	(40)	(41)	(42)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
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	Result (mg/kg)			Limit
	(43)	(44)	(45)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
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Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
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	Result (mg/kg)	Limit
	(46)	(mg/kg)
Soluble Aluminium (Al)	<300	70000 / 28130^
Soluble Antimony (Sb)	<10	560
Soluble Arsenic (As)	<10	47
Soluble Barium (Ba)	<10	18750
Soluble Boron (B)	<50	15000
Soluble Cadmium (Cd)	<5	17
Soluble Chromium (III) (Cr III)	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	0.053
Soluble Cobalt (Co)	<10	130
Soluble Copper (Cu)	<10	7700
Soluble Lead (Pb)	<10	23
Soluble Manganese (Mn)	<10	15000
Soluble Mercury (Hg)	<10	94
Soluble Nickel (Ni)	<10	930
Soluble Selenium (Se)	<10	460
Soluble Strontium (Sr)	<100	56000
Soluble Tin (Sn)	<10	180000
Soluble Organic tin ++	<5.0	12
Soluble Zinc (Zn)	<100	46000

mg/kg = milligram per kilogram

++ : Unless the test result was marked with "Δ", Organic tin content was not directly determined and was derived from migration result of total tin.

Organic tin test result was expressed as tributyl tin.

Chromium (III) value was calculated as difference between migration results of total Chromium and Chromium (VI) .

^ : The new aluminium migration limit [2250mg/kg for Category (I), 560mg/kg for category (II) and 28130mg/kg for Category (III)] was quoted from directive (EU) 2019/1922 amending 2009/48/EC effective from 20 May 2021.

@ : Since the sample weight of the component was less than 10 mg, soluble heavy metal analysis was not applicable.

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TEST REPORT

Number : HKGH0297926905 S1

Tested Components:

(1) @ Pink coating on plastic (button of pink style).
(2) @ Purple coating on plastic (button of pink style).
(3) @ White coating on plastic (button of pink style, blue style).
(4) @ Metallic pink coating on plastic (rings of pink style).
(5) Black coating on plastic (body of all styles).
(6) @ Silver color coating on plastic (ring of blue style).
(7) @ Metallic orange coating on plastic (rings of blue style).
(8) Pink plastic (wrapping of body of pink style).
(9) Light pink plastic (body, button, strap holder of pink style).
(10) Dark pink plastic (ring, tab, button, front camera cover of pink style).
(11) Purple plastic (button of pink style).
(12) Transparent plastic with backing (screen cover of all styles).
(13) Transparent plastic (front cover, view finder lens, LED cover of all styles).
(14) Light pink plastic (grip of pink style).
(15) Dull pink plastic (USB cover, SD card cover, headphone cover of pink style).
(16) Off white plastic (rings of pink style).
(17) Red plastic (wire covering of headphone of pink style).
(18) White plastic (cable covering of headphone of pink style).
(19) Red foam (covering of headphone of pink style).
(20) White plastic (plug pin cover of headphone of pink style).
(21) Black plastic (tube of plug pin of headphone of all styles).
(22) Dim pink plastic (body of headphone of pink style).
(23) Deep red plastic (body of headphone of pink style).
(24) Dark blue plastic (wrapping of body of blue style).
(25) Light blue plastic (body, button of blue style).
(26) Black plastic (ring, button, front camera cover of blue style).
(27) Orange plastic (button, strap holder of blue style).
(28) Dull black plastic (grip of blue style).
(29) Dull orange plastic (grip of blue style).
(30) Dark blue plastic (tab of blue style).
(31) Deep black plastic (body of headphone of blue style).
(32) Dim blue plastic (body of headphone of blue style).
(33) Blue foam (covering of headphone of blue style).
(34) Black plastic (cable covering of headphone of blue style).
(35) Blue plastic (wire covering of headphone of blue style).
(36) Black plastic (plug pin cover of headphone of blue style).
(37) Dark grey plastic (cable covering of USB cable of all styles).
(38) Dark grey plastic (USB plug cover, micro USB plug cover).
(39) White plastic (terminal holder of USB plug).
(40) Dark grey plastic (terminal holder of micro USB plug).
(41) Dark grey plastic (core cover of USB cable).
(42) White paper label with plastic film (sticker on front camera of all styles).
(43) Dark pink webbing (strap of pink style).
(44) Pink string (strap of pink style).
(45) Blue webbing (strap of blue style).
(46) Orange string (strap of blue style).

Date sample received : Mar 07, 2023
Test Period : Mar 07, 2023 to Mar 20, 2023

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TEST REPORT

Number : HKGH0297926905 S1

(3) Soluble Aluminium Content

Test Method : Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Category (III): Scraped-off toy material:

	Result (mg/kg)			Limit
	(5)	(8)	(9)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)			Limit
	(10)	(11)	(12)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)			Limit
	(13)	(14)	(15)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)			Limit
	(16)	(17)	(18)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)			Limit
	(19)	(20)	(21)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)			Limit
	(22)	(23)	(24)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

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TEST REPORT

Number : HKGH0297926905 S1

	Result (mg/kg)			Limit
	(25)	(26)	(27)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)			Limit
	(28)	(29)	(30)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)			Limit
	(31)	(32)	(33)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)			Limit
	(34)	(35)	(36)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)			Limit
	(37)	(38)	(39)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)			Limit
	(40)	(41)	(42)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)			Limit
	(43)	(44)	(45)	(mg/kg)
Soluble Aluminium (Al)	<300	<300	<300	28130

	Result (mg/kg)	Limit
	(46)	(mg/kg)
Soluble Aluminium (Al)	<300	28130

mg/kg = milligram per kilogram

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TEST REPORT

Number : HKGH0297926905 S1

@ : Since the sample weight of the component was less than 10 mg, soluble heavy metal analysis was not applicable.

Tested Components:

(1) @ Pink coating on plastic (button of pink style).
(2) @ Purple coating on plastic (button of pink style).
(3) @ White coating on plastic (button of pink style, blue style).
(4) @ Metallic pink coating on plastic (rings of pink style).
(5) Black coating on plastic (body of all styles).
(6) @ Silver color coating on plastic (ring of blue style).
(7) @ Metallic orange coating on plastic (rings of blue style).
(8) Pink plastic (wrapping of body of pink style).
(9) Light pink plastic (body, button, strap holder of pink style).
(10) Dark pink plastic (ring, tab, button, front camera cover of pink style).
(11) Purple plastic (button of pink style).
(12) Transparent plastic with backing (screen cover of all styles).
(13) Transparent plastic (front cover, view finder lens, LED cover of all styles).
(14) Light pink plastic (grip of pink style).
(15) Dull pink plastic (USB cover, SD card cover, headphone cover of pink style).
(16) Off white plastic (rings of pink style).
(17) Red plastic (wire covering of headphone of pink style).
(18) White plastic (cable covering of headphone of pink style).
(19) Red foam (covering of headphone of pink style).
(20) White plastic (plug pin cover of headphone of pink style).
(21) Black plastic (tube of plug pin of headphone of all styles).
(22) Dim pink plastic (body of headphone of pink style).
(23) Deep red plastic (body of headphone of pink style).
(24) Dark blue plastic (wrapping of body of blue style).
(25) Light blue plastic (body, button of blue style).
(26) Black plastic (ring, button, front camera cover of blue style).
(27) Orange plastic (button, strap holder of blue style).
(28) Dull black plastic (grip of blue style).
(29) Dull orange plastic (grip of blue style).
(30) Dark blue plastic (tab of blue style).
(31) Deep black plastic (body of headphone of blue style).
(32) Dim blue plastic (body of headphone of blue style).
(33) Blue foam (covering of headphone of blue style).
(34) Black plastic (cable covering of headphone of blue style).
(35) Blue plastic (wire covering of headphone of blue style).

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TEST REPORT

Number : HKGH0297926905 S1

(36) Black plastic (plug pin cover of headphone of blue style).
(37) Dark grey plastic (cable covering of USB cable of all styles).
(38) Dark grey plastic (USB plug cover, micro USB plug cover).
(39) White plastic (terminal holder of USB plug).
(40) Dark grey plastic (terminal holder of micro USB plug).
(41) Dark grey plastic (core cover of USB cable).
(42) White paper label with plastic film (sticker on front camera of all styles).
(43) Dark pink webbing (strap of pink style).
(44) Pink string (strap of pink style).
(45) Blue webbing (strap of blue style).
(46) Orange string (strap of blue style).

Date sample received : Mar 07, 2023
Test Period : Mar 07, 2023 to Mar 20, 2023

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TEST REPORT

Number : HKGH0297926905 S1

(4) Mechanical and Physical Test

Test Standard : Standard on Safety of toys EN 71-1:2014 + A1:2018

Age group for testing : For Ages Over 3 Years

Clause	Requirement	Assessment
4	General requirements	
4.1	Material cleanliness	P
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	P
4.8	Points and Metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put into mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	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	P
4.21	Toys containing non -electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	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
5	Toys intended for children under 36 months	
5.1	General requirements for toys intended for children under 36 months	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA

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TEST REPORT

Number : HKGH0297926905 S1

Clause	Requirement	Assessment
5.4	Cords, chains and electrical cables in toys	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 (7.24)	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	P
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
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 attached to or strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethers	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

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TEST REPORT

Number : HKGH0297926905 S1

Clause	Requirement	Assessment
7.26	Improvised projectiles	NA

Abbreviation : P = Pass NA = Not Applicable

Below are additional information according to the Toy Safety Directive 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements and not accredited:

Marking
The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packagings shall also bear the CE-marking. After checking, it was found that

	Toy	Packaging
Manufacturer's name	Present	Present
Manufacturer's address	Present	Present
EU Importer's name	Present	Present
EU Importer's address	Present	Present
Product identification code	Present	Present
CE-marking	Present	Present

Below is additional information checking according to the UK Toy (Safety) Regulations requirement. The checking is not within accreditation scope.

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TEST REPORT

Number : HKGH0297926905 S1

Marking
The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself.

	Toy	Packaging
Name of authorised representative in Great Britain	Present	Present
Address of authorised representative in Great Britain	Present	Present
Product identification code	Present	Present

With reference to the guidance of using UKCA marking from 1 January 2021 by the Department for Business, Energy and Industrial Strategy published on 1 September 2020, toys or packagings shall also bear the UKCA marking. However, as per the official publishment on 14 November 2022, CE marking is continued to be recognised for 2 more years in UK market until 31 December, 2024.
After checking UKCA marking, it was found that

	Toy	Packaging
UKCA marking	Present	Absent

Date sample received : Mar 07, 2023
Test Period : Mar 07, 2023 to Mar 28, 2023

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TEST REPORT

Number : HKGH0297926905 S1

(5) Flammability Test

Test Standard : European Standard on Safety of Toys EN 71-2:2020

Clause	Requirement	Assessment
4.1	General requirements	P
4.2	Toys to be worn on the head	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

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Mar 07, 2023
Test Period : Mar 07, 2023 to Mar 28, 2023

(6) N-Nitrosamines and N-Nitrosatable Substances Content

Test Standard : EN 71-12: 2016.

Assessment: Not Applicable

Date sample received : Mar 07, 2023
Testing period : Mar 07, 2023 to Mar 14, 2023

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TEST REPORT

Number : HKGH0297926905 S1

(7) Phthalate Content Test

Test Method : ISO 8124-6 : 2018 method A with internal standard calibration, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Seven Phthalates content:

Compound	Result (%, w/w)			Limit (%, w/w)
	(1)	(2/3/4)	(5/6/7)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	--
Sum of DINP, DnOP & DIDP	<0.01	<0.01	<0.01	0.1

Compound	Result (%, w/w)			Limit (%, w/w)
	(8/9/10)	(11/12/13)	(14/15/16)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	--
Sum of DINP, DnOP & DIDP	<0.01	<0.01	<0.01	0.1

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TEST REPORT

Number : HKGH0297926905 S1

Compound	Result (%, w/w)			Limit (%, w/w)
	(17/18)	(19/20/21)	(22/23/24)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	--
Sum of DINP, DnOP & DIDP	<0.01	<0.01	<0.01	0.1

Compound	Result (%, w/w)			Limit (%, w/w)
	(25/26/27)	(28/29)	(30/31/32)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	--
Sum of DINP, DnOP & DIDP	<0.01	<0.01	<0.01	0.1

Compound	Result (%, w/w)		Limit (%, w/w)
	(33/34)	(35/36)	
Dibutyl phthalate (DBP)	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	--
Sum of DINP, DnOP & DIDP	<0.01	<0.01	0.1

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TEST REPORT

Number : HKGH0297926905 S1

Four Phthalates content:

Compound	Result (%, w/w)			Limit (%, w/w)
	(37/38/39)	(40/41/42)	(43/44/45)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	<0.01	<0.01	0.1

Compound	Result (%, w/w)			Limit (%, w/w)
	(46/47/48)	(49/50/51)	(52/53/54)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	<0.01	<0.01	0.1

Compound	Result (%, w/w)			Limit (%, w/w)
	(55/56/57)	(58/59/60)	(61/62/63)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	<0.01	<0.01	0.1

Compound	Result (%, w/w)			Limit (%, w/w)
	(64/65)	(66)	(67)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	<0.01	<0.01	0.1

Compound	Result (%, w/w)		Limit (%, w/w)
	(68)	(69)	
Dibutyl phthalate (DBP)	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	<0.01	0.1

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TEST REPORT

Number : HKGH0297926905 S1

The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006, amendment no. 552/2009 taking into account the (EU) regulation 2018/2005 modifying entry 51 for which the DIBP shall not be placed on the market after 7 July 2020 in toys or childcare articles, individually or in any combination with the first three phthalates which already exist in the entry 51, in a concentration equal to or greater than 0,1 % by weight of the plasticised material.

Tested Components:

(1) Coatings on sample (button, rings, body of all styles).
(2) Pink plastic (wrapping of body of pink style).
(3) Light pink plastic (grip of pink style).
(4) Dull pink plastic (USB cover, SD card cover, headphone cover of pink style).
(5) Light pink plastic (body, button, strap holder of pink style).
(6) Dark pink plastic (ring, tab, button, front camera cover of pink style).
(7) Purple plastic (button of pink style).
(8) Transparent plastic with backing (screen cover of all styles).
(9) Transparent plastic (front cover, view finder lens, LED cover of all styles).
(10) Off white plastic (rings of pink style).
(11) Red plastic (wire covering of headphone of pink style).
(12) White plastic (cable covering of headphone of pink style).
(13) Red foam (covering of headphone of pink style).
(14) White plastic (plug pin cover of headphone of pink style).
(15) Black plastic (tube of plug pin of headphone of all styles).
(16) Dim pink plastic (body of headphone of pink style).
(17) Deep red plastic (body of headphone of pink style).
(18) Deep black plastic (body of headphone of blue style).
(19) Dark blue plastic (wrapping of body of blue style).
(20) Dull black plastic (grip of blue style).
(21) Dull orange plastic (grip of blue style).
(22) Light blue plastic (body, button of blue style).
(23) Black plastic (ring, button, front camera cover of blue style).
(24) Orange plastic (button, strap holder of blue style).
(25) Dark blue plastic (tab of blue style).
(26) Dark grey plastic (USB plug cover, micro USB plug cover).
(27) White plastic (terminal holder of USB plug).
(28) Dim blue plastic (body of headphone of blue style).
(29) Black plastic (plug pin cover of headphone of blue style).
(30) Blue foam (covering of headphone of blue style).
(31) Black plastic (cable covering of headphone of blue style).
(32) Blue plastic (wire covering of headphone of blue style).
(33) Dark grey plastic (cable covering of USB cable of all styles).
(34) White paper label with plastic film (sticker on front camera of all styles).
(35) Dark grey plastic (terminal holder of micro USB plug).
(36) Dark grey plastic (core cover of USB cable).
(37) Black plastic (view finder inserts of all styles) (internal).
(38) Black foam backed with adhesive (backing of camera, speaker) (internal).
(39) Blue plastic (wire covering) (internal).
(40) Black plastic with glue (case of speaker) (internal).
(41) Transparent plastic (film of speaker) (internal).
(42) Green PCB (PCB of speaker) (internal).
(43) Grey plastic (wire covering) (internal).
(44) Red plastic (wire covering) (internal).
(45) Black plastic (wire covering) (internal).

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(46) Transparent blue plastic (key pad) (internal).
(47) Shiny white plastic (key pad) (internal).
(48) Black plastic (case of plug socket) (internal).
(49) Shiny black plastic (sleeve of microphone) (internal).
(50) Green PCB (PCB of microphone) (internal).
(51) Black plastic (terminal holder of card reader) (internal).
(52) Dark grey plastic (terminal holder of micro USB plug slot) (internal).
(53) Black plastic (bar of connector slot) (internal).
(54) Ivory plastic (case of connector slot) (internal).
(55) White plastic (LCD holder) (internal).
(56) White plastic (base of LCD) (internal).
(57) Translucent double-sided adhesive tape (on LCD) (internal).
(58) Translucent silver color plastic (filter of LCD) (internal).
(59) Black/ white plastic double adhesive tape (on LCD) (internal).
(60) Iridescent silver color plastic (filter of LCD) (internal).
(61) Translucent plastic (filter of LCD) (internal).
(62) Transparent plastic (holder of LCD) (internal).
(63) White PCB (LCD) (internal).
(64) Transparent black plastic (receiver of LCD) (internal).
(65) Transparent yellow/ brown plastic (flexible cable) (internal).
(66) White paper sheet with plastic film (front cover insert of all styles) (internal).
(67) Plastic part of camera (camera) (internal).
(68) Plastic part of variable resistor (variable resistor) (internal).
(69) Black felt backed with adhesive (mesh of microphone) (internal).

Date sample received : Mar 07, 2023
Test Period : Mar 07, 2023 to Mar 20, 2023

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(8) Toxic Elements Analysis

Test Method : 94/62/EC and its amendment on packaging and packaging waste, acid digestion method was used and toxic elements contents were determined by Inductively Coupled Argon Plasma Spectrometry, and Hexavalent Chromium content was determined by UV-Visible Spectrophotometry.

	Result (ppm)	Limit
	(1/2)	(ppm)
Total Lead (Pb)	<5	--
Total Cadmium (Cd)	<5	--
Total Mercury (Hg)	<5	--
Chromium VI (Cr (VI))	<5	--
Sum of Lead, Cadmium, Mercury and Chromium Cr (VI)	<20	100

ppm = parts per million = mg/kg

Tested Components:

(1) White plastic (covering of twist tie) (packging).
(2) Black plastic (covering of twist tie) (packging).

Date sample received : Mar 07, 2023
Test Period : Mar 07, 2023 to Mar 20, 2023

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End of report

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