

TEST REPORT

Applicant: EDISON NATION LLC
150 WEST WALNUT STREET SUITE 165
GARDENA CA 90248
USA
Attn: TRACY SHI

Number: HKGH02550066
Date: Mar 22, 2021

Submitted sample said to be
Item Name

- : :
- : (1) 7107-UC Blankie Buddies Ella the Unicorn
- : (2) 7107-BUG Blankie Buddies Benny the Bunny
- : (3) 7107-PP Blankie Buddies Patch the Puppy
- : (4) 7106-UC Ella Unicorn
- : (5) 7106-BB Benny the Bunny
- : (6) 7106-PP Patch the Puppy
- : (7) 7472-UC Dream Buddies Unicorn
- : (8) 7472-BUG Dream Buddies Bunny
- : (9) 7472-PP Dream Buddies Puppy

Quantity : Five pieces each
Labelled Age Group : "0+"
Packaging Provided : Yes
Manufacturer : Edison Nation Inc.
Buyer : Cloud B Inc.
Country of Origin : China
Date Sample Received : Jan 02, 2020; Mar 06, 2020 and Mar 12, 2020
Test Period : Jan 02, 2020 to Mar 13, 2020

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



Cindy I.K. Chan
Vice President



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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 :

<u>Requirement</u>	<u>Result</u>
(1) EN71-1: 2014 + A1: 2018 - Mechanical and Physical Properties on item 7472	Pass
(2) EN71-1: 2014 + A1: 2018 - Mechanical and Physical Properties on item 7107,7106	Pass
(3) EN71-2 : 2011 + A1 : 2014 - Flammability Test on item 7472	Pass
(4) EN71-2 : 2011 + A1 : 2014 - Flammability Test on item 7107,7106	Pass
(5) EN71-3 : 2013 + A3:2018 - Migration of certain elements	Pass
(6) EN 71-3:2019 - Migration of certain elements	Pass
(7) REACH Regulation (EC) No.1907/2006 , Annex XVII Item 23 & amendment No. 2016/217 - Cadmium content requirement	Pass
(8) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52, amendment no. 552/2009 & 2018/2005 (Placed on the market after 7 July 2020) - Phthalates content	Pass
(9) RoHS Directive (2011/65/EU) - Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment	Pass



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<u>Requirement</u>	<u>Result</u>
(10) RoHS Directive (2011/65/EU) and amendment Commission Delegated Directive (EU) 2015/863 with effective from 22 July 2019 - Phthalates content	Pass
(11) EN 62115 : 2005 + A12 : 2015 - Safety of electric toys	Pass (Subjected to remark enclosed)
(12) The measured emission level of the apparatus did not exceed the accessible emission limit according to IEC 62115:2017, Annex E	
(13) REACH Regulation (EC) no. 1907/2006, Annex XVII Item 43 & amendment no. 552/2009 and 126/2013 - Azocolourants content requirement	Pass
(14) U.S. ASTM F963-17 - Physical and Mechanical tests	Pass
(15) U.S. ASTM F963-17 Section 4.25 & 6.5 - Battery-operated toys	Pass
(16) ASTM F963-17 - Flammability Test of Materials other than textile materials	Pass
(17) ASTM F963-17 - Total Lead content	Pass
(18) ASTM F963-17 - Soluble heavy elements test	Pass
(19) U.S. CFR Title 16 (CPSC Regulations) - Part 1303 - Total Lead content in surface coating	Not Applicable
U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in surface coating	Not Applicable



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<u>Requirement</u>	<u>Result</u>
(20) U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in non-surface coating materials (substrate)	Pass
(21) ASTM F963-17 - Section 4.3.7 Stuffing Cleanliness Test	Pass
(22) US CPSC 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates effective from April 25, 2018 - Phthalate content	Pass
(23) California Proposition 65 for Toys (designed for or reasonable used by children under six years of age), Consent judgment no. BG-350969 - Phthalate content	Pass
(24) California Proposition 65 for toys, Consent Judgement no. RG-356892 - Lead content	Pass
(25) Intertek California Proposition 65 Protocol	Not Applicable
(26) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 (last amended on 11 January 2019) - Mechanical and physical test	Pass
(27) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 (last amended on 11 January 2019) section 21 - Celluloid or Cellulose nitrate	Pass
(28) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 32 - Flammability test	See details enclosed



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<u>Requirement</u>	<u>Result</u>
(29) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 23 with amendments SOR/2016-195 - Toxic elements test	Not Applicable
(30) Canada Consumer Product Safety Act Toys Regulations (SOR/2011-17) Item 27(3)(a)&(b) and amendment no. SOR/2016-195 - Heavy elements test	Pass
(31) Canada Consumer Product Safety Act Schedule II - Tris(2-chloroethyl) phosphate (TCEP) content	Not Applicable

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) Physical and Mechanical Tests on item 7472

Test Standard : European Standard on Safety of Toys EN71-1:2014 + A1: 2018

Age group for testing : For All Ages

Clause	Testing Items
8.3	Torque test (0.34 Nm)
8.4.2.1	Tension test (90 N)
8.4.2.2	Seams and materials (70 N)
8.5	Drop Test (850 mm x 5)
8.7	Impact test (1 kg)
8.8	Compression test (110 N)

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	NA
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	P
5.2	Soft-filled toys and soft-filled parts of a toy	P
5.3	Plastic sheeting	NA
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	P



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Clause	Requirement	Assessment
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	P
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	NA
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 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

Abbreviation : P = Pass NA = Not Applicable



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The submitted samples were undergone the abuse tests for Clause 5.1 and 5.2 in according to 8.3 (Torque test), 8.4 (Tension test), 8.5 (Drop test), 8.7 (Impact test), 8.8 (Compression test) and specific tests for different types of toys whichever 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 trade mark, 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
Importer's name	Present	Absent
Importer's address	Present	Absent
Product identification code	Absent	Present
CE-marking	Present	Not in correct format

Cleaning instruction

A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. The toy shall fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions. The manufacturer should, if applicable, provided instructions on how the toy has to be cleaned.

After checking, the cleaning instruction was found on the submitted samples.

Date sample received : Jan 02, 2020

Test Period : Jan 02, 2020 to Jan 07, 2020



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(2) Physical and Mechanical Tests on item 7107,7106

Test Standard : European Standard on Safety of Toys EN71-1:2014 + A1: 2018

Age group for testing : For All Ages

The submitted samples were undergone the following abuse tests:

<u>Clause</u>	<u>Testing Items</u>
8.3	Torque test (0.34 Nm)
8.4.2.1	Tension test (90 N)
8.4.2.2	Seams and materials (70 N)
8.5	Drop Test (850 mm x 5)
8.7	Impact test (1 kg)
8.8	Compression test (110 N)

<u>Clause</u>	<u>Requirement</u>	<u>Assessment</u>
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



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Clause	Requirement	Assessment
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy Disguise Costumes	NA
4.27	Flyings	NA
5	Toys intended for children under 36 months	
5.1	General requirements for toys intended for children under 36 months	P
5.2	Soft-filled toys and soft-filled parts of a toy	P
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	P
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	P
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	NA
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	Projectiles	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 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



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Clause	Requirement	Assessment
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

Abbreviation : P = Pass NA = Not Applicable

As requested by applicant, samples were tested to EN71-1 both before and after washing. No difference in test results before and after washing. Test method of washing is not accredited,

The submitted samples were undergone the abuse tests for Clause 5.1 and 5.2 in according to 8.3 (Torque test), 8.4 (Tension test), 8.5 (Drop test), 8.7 (Impact test), 8.8 (Compression test) and specific tests for different types of toys whichever applicable.



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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 trade mark, 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
Importer's name	Present	Absent
Importer's address	Present	Absent
Product identification code	Absent	Present
CE-marking	Present(for 7106) Not in correct format(for 7107)	Not in correct format(for 7106) Absent(for 7107)

Cleaning instruction

A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. The toy shall fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions. The manufacturer should, if applicable, provided instructions on how the toy has to be cleaned.

After checking, the cleaning instruction was found on the submitted samples.

Cleaning instruction

The submitted samples are textile toys and do not contain any mechanism that may be damaged if soak washed. However, it was labelled as surface wash only, the labelling is considered not appropriate.

Date sample received : Jan 02, 2020

Test Period : Jan 02, 2020 to Jan 07, 2020



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(3) Flammability Test on item 7472

Test Standard : European Standard on Safety of Toys EN71-2 : 2011 + A1 : 2014

Clause	Requirement	Assessment
4.1	General	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	P

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Jan 02, 2020
Test Period : Jan 02, 2020 to Jan 07, 2020

(4) Flammability Test on item 7107,7106

Test Standard : European Standard on Safety of Toys EN71-2 : 2011 + A1 : 2014

Clause	Requirement	Assessment
4.1	General	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	P

Abbreviation : P = Pass NA = Not Applicable

As requested by applicant, samples were tested to EN71-2 both before and after washing.
No difference in test results before and after washing.

Date sample received : Jan 02, 2020
Test Period : Jan 02, 2020 to Jan 07, 2020



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(5) 19 Toxic Element Migration Test

Test Method : EN71-3:2013+A3:2018. Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry and/or Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry and/or Gas Chromatographic - Mass Spectrometry

Category (III): Scraped-off toy material:

	Result (mg/kg)			Limit (mg/kg)
	(1)	(2)	(3)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



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	Result (mg/kg)			Limit (mg/kg)
	(4)	(5)	(6)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



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	Result (mg/kg)			Limit (mg/kg)
	(7)	(8)	(9)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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
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Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



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	Result (mg/kg)			Limit (mg/kg)
	(10)	(11)	(12)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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
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Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



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	Result (mg/kg)			Limit (mg/kg)
	(13)	(14)	(15)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



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	Result (mg/kg)			Limit (mg/kg)
	(16)	(17)	(18)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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
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Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(19)	(20)	(21)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(22)	(23)	(24)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(25)	(26)	(27)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(28)	(29)	(30)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(31)	(32)	(33)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(34)	(35)	(36)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(37)	(38)	(39)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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	0.2
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)		Limit (mg/kg)
	(40)	(41)	
Soluble Aluminium (Al)	<300	<300	70000
Soluble Antimony (Sb)	<10	<10	560
Soluble Arsenic (As)	<10	<10	47
Soluble Barium (Ba)	<10	<10	18750
Soluble Boron (B)	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	17
Soluble Chromium (III) (Cr III) ++	<10	<10	460
Soluble Chromium (VI) (Cr VI) ++	<0.025	<0.025	0.2
Soluble Cobalt (Co)	<10	<10	130
Soluble Copper (Cu)	<10	<10	7700
Soluble Lead (Pb)	<10	<10	23
Soluble Manganese (Mn)	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	94
Soluble Nickel (Ni)	<10	<10	930
Soluble Selenium (Se)	<10	<10	460
Soluble Strontium (Sr)	<100	<100	56000
Soluble Tin (Sn)	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	46000

mg/kg = milligram per kilogram

++ : Unless the test results were marked with "Λ" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.

Organic tin test result was expressed as tributyl tin.

The new chromium (VI) migration limit (0.053 mg/kg) for Category (III) was quoted from directive (EU) Directive 2018/725 amending 2009/48/EC effective from 18 November 2019.



TEST REPORT

Number : HKGH02550066

Tested Components:

- (1) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (8) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) White satin with black printing (swen-in label).
- (12) White fabric with multi color thread stitching (logo).
- (13) Black/ white embroidery thread (eyes of all style).
- (14) Grey string (mouth, nose of dream buddies bunny #7472-BUG, blankie buddies Benny the Bunny #7107-BUG, Benny the Bunny #7106-BUG).
- (15) Grey felt (nose of dream buddies bunny #7472-BUG, blankie buddies Benny the Bunny #7107-BUG, Benny the Bunny #7106-BUG).
- (16) 2mm pale ivory plush with light brown printing (ears, paw of all style).
- (17) 10mm grey plush (body of dream buddies bunny #7472-BUG, blankie buddies Benny the Bunny #7107-BUG, Benny the Bunny #7106-BUG).
- (18) Grey brushed knit (battery compartment of dream buddies bunny #7472-BUG, strap, lining of blankie buddies Benny the Bunny #7107-BUG).
- (19) Beige brushed knit (battery compartment of dream buddies puppy #7472-PP, strap, lining of blankie buddies Patch the Puppy #7107-PP).
- (20) 10mm beige plush (body of dream buddies puppy #7472-PP, blankie buddies Patch the Puppy #7107-PP, Patch the Puppy #7106-PP).
- (21) 10mm pale ivory plush (ears, eyes of dream buddies puppy #7472-PP, blankie buddies Patch the Puppy #7107-PP, Patch the Puppy #7106-PP).
- (22) 5mm deep beige plush (nose of dream buddies puppy #7472-PP, blankie buddies Patch the Puppy #7107-PP, Patch the Puppy #7106-PP).
- (23) Pale beige velour (horn of dream buddies unicorn #7472-UC, blankie buddies Ella the unicorn #7107-UC, Ella the unicorn #7106-UC).
- (24) 20mm white plush (mane, tail of dream buddies unicorn #7472-UC, blankie buddies Ella the unicorn #7107-UC, Ella the unicorn #7106-UC).
- (25) 10mm light pink plush (body of dream buddies unicorn #7472-UC, blankie buddies Ella the unicorn #7107-UC, Ella the unicorn #7106-UC).
- (26) Pink brushed knit (battery compartment of dream buddies unicorn #7472-UC, strap, lining of blankie buddies Ella the unicorn #7107-UC).
- (27) 5mm pink plush (blanket of blankie buddies Ella the unicorn #7107-UC).
- (28) Pink embroidery thread (sewing of blanket on blankie buddies Ella the unicorn #7107-UC).



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Tested components :

- (29) Light beige embroidery thread (sewing of blanket on blankie buddies Patch the Puppy #7107-PP).
- (30) 5mm beige plush (blanket of blankie buddies Patch the Puppy #7107-PP).
- (31) 5mm grey plush (blanket of blankie buddies Benny the Bunny #7107-BUG).
- (32) Grey embroidery thread (sewing of blanket on blankie buddies Benny the Bunny #7107-BUG).
- (33) White brushed knit (lining of all style blankie buddies).
- (34) Grey velcro (loop of velcro on Benny the Bunny #7106-BUG).
- (35) 2mm grey plush (strap of velcro on Benny the Bunny #7106-BUG).
- (36) Grey woven (lining of Benny the Bunny #7106-BUG).
- (37) Beige woven (lining of Patch the Puppy #7106-PP).
- (38) 2mm beige plush (strap of Patch the Puppy #7106-PP).
- (39) Beige velcro (loop of velcro on Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (40) 2mm pink plush (strap of Ella the unicorn #7106-UC).
- (41) Pink woven (lining of Ella the unicorn #7106-UC).

Date sample received : Jan 02, 2020

Test Period : Jan 02, 2020 to Jan 07, 2020



TEST REPORT

Number : HKGH02550066

(6) 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/or Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry and/or Gas Chromatographic - Mass Spectrometry

Category (III): Scraped-off toy material:

	Result (mg/kg)			Limit (mg/kg)
	(1)	(2)	(3)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(4)	(5)	(6)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

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	Result (mg/kg)			Limit (mg/kg)
	(7)	(8)	(9)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(10)	(11)	(12)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(13)	(14)	(15)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(16)	(17)	(18)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(19)	(20)	(21)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(22)	(23)	(24)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(25)	(26)	(27)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(28)	(29)	(30)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(31)	(32)	(33)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(34)	(35)	(36)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)			Limit (mg/kg)
	(37)	(38)	(39)	
Soluble Aluminium (Al)	<300	<300	<300	70000
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)	<4	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



TEST REPORT

Number : HKGH02550066

	Result (mg/kg)		Limit (mg/kg)
	(40)	(41)	
Soluble Aluminium (Al)	<300	<300	70000
Soluble Antimony (Sb)	<10	<10	560
Soluble Arsenic (As)	<10	<10	47
Soluble Barium (Ba)	<10	<10	18750
Soluble Boron (B)	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	17
Soluble Chromium (III) (Cr III) ++	<10	<10	460
Soluble Chromium (VI) (Cr VI) ++	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	130
Soluble Copper (Cu)	<10	<10	7700
Soluble Lead (Pb)	<10	<10	23
Soluble Manganese (Mn)	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	94
Soluble Nickel (Ni)	<10	<10	930
Soluble Selenium (Se)	<10	<10	460
Soluble Strontium (Sr)	<100	<100	56000
Soluble Tin (Sn)	<4	<4	180000
Soluble Organic tin ++	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	46000

mg/kg = milligram per kilogram

++ : Unless the test results were marked with "▲" or "△", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.

Organic tin test result was expressed as tributyl tin.

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.



TEST REPORT

Number : HKGH02550066

Tested Components:

- (1) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (8) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) White satin with black printing (swen-in label).
- (12) White fabric with multi color thread stitching (logo).
- (13) Black/ white embroidery thread (eyes of all style).
- (14) Grey string (mouth, nose of dream buddies bunny #7472-BUG, blankie buddies Benny the Bunny #7107-BUG, Benny the Bunny #7106-BUG).
- (15) Grey felt (nose of dream buddies bunny #7472-BUG, blankie buddies Benny the Bunny #7107-BUG, Benny the Bunny #7106-BUG).
- (16) 2mm pale ivory plush with light brown printing (ears, paw of all style).
- (17) 10mm grey plush (body of dream buddies bunny #7472-BUG, blankie buddies Benny the Bunny #7107-BUG, Benny the Bunny #7106-BUG).
- (18) Grey brushed knit (battery compartment of dream buddies bunny #7472-BUG, strap, lining of blankie buddies Benny the Bunny #7107-BUG).
- (19) Beige brushed knit (battery compartment of dream buddies puppy #7472-PP, strap, lining of blankie buddies Patch the Puppy #7107-PP).
- (20) 10mm beige plush (body of dream buddies puppy #7472-PP, blankie buddies Patch the Puppy #7107-PP, Patch the Puppy #7106-PP).
- (21) 10mm pale ivory plush (ears, eyes of dream buddies puppy #7472-PP, blankie buddies Patch the Puppy #7107-PP, Patch the Puppy #7106-PP).
- (22) 5mm deep beige plush (nose of dream buddies puppy #7472-PP, blankie buddies Patch the Puppy #7107-PP, Patch the Puppy #7106-PP).
- (23) Pale beige velour (horn of dream buddies unicorn #7472-UC, blankie buddies Ella the unicorn #7107-UC, Ella the unicorn #7106-UC).
- (24) 20mm white plush (mane, tail of dream buddies unicorn #7472-UC, blankie buddies Ella the unicorn #7107-UC, Ella the unicorn #7106-UC).
- (25) 10mm light pink plush (body of dream buddies unicorn #7472-UC, blankie buddies Ella the unicorn #7107-UC, Ella the unicorn #7106-UC).
- (26) Pink brushed knit (battery compartment of dream buddies unicorn #7472-UC, strap, lining of blankie buddies Ella the unicorn #7107-UC).
- (27) 5mm pink plush (blanket of blankie buddies Ella the unicorn #7107-UC).
- (28) Pink embroidery thread (sewing of blanket on blankie buddies Ella the unicorn #7107-UC).



TEST REPORT

Number : HKGH02550066

Tested components :

- (29) Light beige embroidery thread (sewing of blanket on blankie buddies Patch the Puppy #7107-PP).
- (30) 5mm beige plush (blanket of blankie buddies Patch the Puppy #7107-PP).
- (31) 5mm grey plush (blanket of blankie buddies Benny the Bunny #7107-BUG).
- (32) Grey embroidery thread (sewing of blanket on blankie buddies Benny the Bunny #7107-BUG).
- (33) White brushed knit (lining of all style blankie buddies).
- (34) Grey velcro (loop of velcro on Benny the Bunny #7106-BUG).
- (35) 2mm grey plush (strap of velcro on Benny the Bunny #7106-BUG).
- (36) Grey woven (lining of Benny the Bunny #7106-BUG).
- (37) Beige woven (lining of Patch the Puppy #7106-PP).
- (38) 2mm beige plush (strap of Patch the Puppy #7106-PP).
- (39) Beige velcro (loop of velcro on Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (40) 2mm pink plush (strap of Ella the unicorn #7106-UC).
- (41) Pink woven (lining of Ella the unicorn #7106-UC).

Date sample received : Jan 02, 2020
 Test Period : Jan 02, 2020 to Jan 07, 2020

(7) Cadmium (Cd) Content

Test Method : Acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in %, w/w	Limit in %, w/w
(1/2)	ND	0.01
(3/4/5)	ND	0.01
(6/7)	ND	0.01
(8/9/10)	ND	0.01
(11/12/13)	ND	0.01
(14/15)	ND	0.01
(16/17/18)	ND	0.01
(19/20/21)	ND	0.01
(22/23)	ND	0.01



TEST REPORT

Number : HKGH02550066

ND : Not detected (< 0.0005%)

Tested Components:

- (1) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (8) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) Off-white elastic band (body of all style) (internal).
- (12) White plastic (wire covering) (internal).
- (13) Light green plastic (wire covering) (internal).
- (14) Transparent plastic (washer) (internal).
- (15) Black foam with adhesive backing (battery compartment cover) (internal).
- (16) Off-white plastic (cable tie) (internal).
- (17) Black plastic (button) (internal).
- (18) Brown PCB (backed of button) (internal).
- (19) Red plastic (wire covering) (internal).
- (20) Black plastic (wire covering) (internal).
- (21) White printed PCB (internal).
- (22) Transparent plastic (LED) (internal).
- (23) Translucent glue (internal).

Date sample received : Jan 02, 2020
Test Period : Jan 02, 2020 to Jan 07, 2020



TEST REPORT

Number : HKGH02550066

(8) Phthalate Content Test

Test Method : Solvent extraction and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Seven Phthalates content:

Compound	Result (%, w/w)			Limit (%, w/w)
	(1/2/3)	(4/5/6)	(7/8)	
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)
	(9/10)	
Dibutyl phthalate (DBP)	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	--
Diisobutyl phthalate (DIBP)	<0.01	--
Sum of DBP, DEHP, BBP & DIBP	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	--
Sum of DINP, DnOP & DIDP	<0.01	0.1



TEST REPORT

Number : HKGH02550066

Four Phthalates content:

Compound	Result (% w/w)			Limit (% w/w)
	(11/12/13)	(14/15/16)	(17/18/19)	
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)
	(20/21)	(22/23)	
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



TEST REPORT

Number : HKGH02550066

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) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic with dark grey printing (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (8) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) Off-white elastic band (body of all style) (internal).
- (12) White plastic (wire covering) (internal).
- (13) Light green plastic (wire covering) (internal).
- (14) Transparent plastic (washer) (internal).
- (15) Black foam with adhesive backing (battery compartment cover) (internal).
- (16) Off-white plastic (cable tie) (internal).
- (17) Black plastic (button) (internal).
- (18) Brown PCB (backed of button) (internal).
- (19) Red plastic (wire covering) (internal).
- (20) Black plastic (wire covering) (internal).
- (21) White printed PCB (internal).
- (22) Transparent plastic (LED) (internal).
- (23) Translucent glue (internal).

Date sample received : Jan 02, 2020

Test Period : Jan 02, 2020 to Jan 08, 2020



TEST REPORT

Number : HKGH02550066

(9) RoHS Test

(A) Result

Screened Components	XRF Results (mg/kg)					Chemical Confirmation Result
	Cd	Pb	Hg	Cr	Br	
(1)	ND	ND	ND	ND	ND	--
(2)	ND	ND	ND	ND	ND	--
(3)	ND	ND	ND	ND	ND	--
(4)	ND	ND	ND	ND	ND	--
(5)	ND	ND	ND	ND	ND	--
(6)	ND	ND	ND	ND	ND	--
(7)	ND	ND	ND	ND	ND	--
(8)	ND	ND	ND	ND	ND	--
(9)	ND	ND	ND	ND	ND	--
(10)	ND	ND	ND	ND	ND	--
(11)	ND	ND	ND	ND	ND	--
(12)	ND	ND	ND	ND	ND	--
(13)	ND	ND	ND	ND	ND	--
(14)	ND	ND	ND	ND	ND	--
(15)	ND	ND	ND	ND	ND	--
(16)	ND	ND	ND	ND	ND	--
(17)	ND	ND	ND	ND	ND	--
(18)	ND	ND	ND	ND	ND	--
(19)	ND	ND	ND	ND	ND	--
(20)	ND	ND	ND	ND	ND	--
(21)	ND	ND	ND	ND	ND	--
(22)	ND	ND	ND	ND	ND	--
(23)	ND	ND	ND	ND	ND	--
(24)	ND	ND	ND	ND	ND	--
(25)	ND	ND	ND	ND	ND	--
(26)	ND	ND	ND	ND	ND	--
(27)	ND	ND	ND	ND	ND	--
(28)	ND	ND	ND	ND	ND	--
(29)	ND	ND	ND	ND	ND	--
(30)	ND	ND	ND	ND	ND	--
(31)	ND	ND	ND	ND	ND	--
(32)	ND	ND	ND	ND	ND	--
(33)	ND	ND	ND	ND	ND	--
(34)	ND	ND	ND	ND	ND	--
(35)	ND	ND	ND	ND	ND	--



TEST REPORT

Number : HKGH02550066

Screened Components	XRF Results (mg/kg)					Chemical Confirmation Result
	Cd	Pb	Hg	Cr	Br	
(36)	ND	ND	ND	ND	NA	--
(37)	ND	ND	ND	ND	NA	--
(38)	ND	ND	ND	ND	NA	--
(39)	ND	ND	ND	ND	NA	--
(40)	ND	ND	ND	ND	NA	--
(41)	ND	ND	ND	ND	ND	--
(42)	ND	ND	ND	ND	ND	--
(43)	ND	ND	ND	ND	ND	--
(44)	ND	ND	ND	ND	NA	--
(45)	ND	ND	ND	ND	NA	--
(46)	ND	ND	ND	ND	ND	--
(47)	ND	ND	ND	ND	ND	--
(48)	ND	ND	ND	ND	ND	--
(49)	ND	ND	ND	ND	ND	--
(50)	ND	ND	ND	ND	NA	--
(51)	ND	ND	ND	ND	NA	--
(52)	ND	ND	ND	ND	ND	--
(53)	ND	ND	ND	ND	NA	--
(54)	ND	ND	ND	ND	NA	--
(55)	ND	ND	ND	ND	ND	--
(56)	ND	ND	ND	ND	NA	--
(57)	ND	ND	ND	ND	ND	--
(58)	ND	ND	ND	ND	NA	--
(59)	ND	ND	ND	ND	ND	--
(60)	ND	ND	ND	#	NA	Cr ⁶⁺ :ND
(61)	ND	ND	ND	ND	NA	--
(62)	ND	ND	ND	ND	ND	--
(63)	ND	ND	ND	ND	NA	--
(64)	ND	ND	ND	ND	ND	--
(65)	ND	ND	ND	ND	ND	--
(66)	ND	ND	ND	ND	ND	--
(67)	ND	ND	ND	ND	ND	--
(68)	ND	ND	ND	ND	ND	--
(69)	ND	ND	ND	ND	ND	--
(70)	ND	ND	ND	ND	NA	--

ND : Not Detected

NA : Not Applicable



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D : Detected : Below the lower screening limit of table(B) and pass.

ppm : part per million = mg/kg

: Inconclusive

List of Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers (PBDEs) in chemical confirmation test:

PBBs	PBDEs
Monobromobiphenyl (monoBB)	Monobromodiphenyl ether (MonoBDE)
Dibromobiphenyl (DiBB)	Dibromodiphenyl ether (DiBDE)
Tribromobiphenyl (TriBB)	Tribromodiphenyl ether (TriBDE)
Tetrabromobiphenyl (TetraBB)	Tetrabromodiphenyl ether (TetraBDE)
Pentabromobiphenyl (PentaBB)	Pentabromodiphenyl ether (PentaBDE)
Hexabromobiphenyl (HexaBB)	Hexabromodiphenyl ether (HexaBDE)
Heptabromobiphenyl (HeptaBB)	Heptabromodiphenyl ether (HeptaBDE)
Octabromobiphenyl (OctaBB)	Octabromodiphenyl ether (OctaBDE)
Nonabromobiphenyl (NonaBB)	Nonabromodiphenyl ether (NonaBDE)
Decabromobiphenyl (DecaBB)	Decabromodiphenyl ether (DecaBDE)



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(B) XRF screening limits in mg/kg for regulated elements in various matrices

Element	Polymer Materials	Metallic Materials	Composite Materials
Cd	$P \leq 70 < X < 130 \leq F$	$P \leq 70 < X < 130 \leq F$	$P \leq 70 < X < 150 \leq F$
Pb	$P \leq 700 < X < 1300 \leq F$	$P \leq 700 < X < 1300 \leq F$	$P \leq 500 < X < 1500 \leq F$
Hg	$P \leq 700 < X < 1300 \leq F$	$P \leq 700 < X < 1300 \leq F$	$P \leq 500 < X < 1500 \leq F$
Cr	$P \leq 700 < X$	$P \leq 700 < X$	$P \leq 500 < X$
Br	$P \leq 300 < X$	Not applicable	$P \leq 250 < X$

P = Pass
 X = Inconclusive result
 F = Fail
 mg/kg = milligram per kilogram = ppm

(C) Estimated detection limits in mg/kg for regulated elements in various matrices

Element	Polymer Materials	Metallic Materials	Composite Materials
Cd	50	70	70
Pb	100	200	200
Hg	100	200	200
Cr	100	200	200
Br	200	Not Applicable	200

Disclaimers:

This XRF screening report is for reference purposes only. The applicant shall make Its/His/Her own judgement as to whether the information provided in this XRF screening report is sufficient for Its/His/Her purposes.

The results shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. Plastic, Rubber, Metal, Glass, Ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.



TEST REPORT

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(D) Test Methods

Testing Item	Testing Method	Reporting Limit
XRF screening	With reference to IEC 62321-3-1 edition 1.0 : 2013, by X-ray fluorescence spectrometry	Refer to (C)
Cadmium (Cd) Content	With reference to IEC 62321-5 edition 1.0 : 2013, by acid digestion and determined by ICP-OES	10 mg/kg
Lead (Pb) Content	With reference to IEC 62321-5 edition 1.0 : 2013, by acid digestion and determined by ICP-OES	10 mg/kg
Mercury (Hg) Content	With reference to IEC 62321-4 edition 1.0 : 2013, by acid digestion and determined by ICP-OES	10 mg/kg
Chromium (VI) (Cr ⁶⁺) Content (For Non-Metal)	With reference to IEC 62321 edition 1.0 : 2008, by alkaline digestion and determined by UV-VIS spectrophotometer	1 mg/kg
Chromium (VI) (Cr ⁶⁺) Content (For Leather)	With reference to EN ISO17075: 2007, by phosphate butter extraction and determined by UV-VIS spectrophotometer	1 mg/kg
Chromium (VI) (Cr ⁶⁺) Content (For Metal)	With reference to IEC 62321-7-1 : 2015, by boiling water extraction and determined by UV-VIS spectrophotometer	0.1 µg/cm ²
Polybrominated Biphenyls (PBBs) & Polybrominated Diphenyl Ethers (PBDEs)	With reference to IEC 62321-6 : 2015, by solvent extraction and determined by GC/MS.	20 mg/kg



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The explanation of Chromium VI (Cr⁶⁺) analysis result (For Metal)

Colorimetric result	Qualitative result	Explanation
< 0.10 µg/cm ²	Negative	The result of sample is negative for Cr (VI). The sample coating is considered a non-Cr(VI) based coating.
≥ 0.10 µg/cm ² and ≤ 0.13 µg/cm ²	Inconclusive	The result of sample is considered to be inconclusive. If addition samples are available, recommend to add trials and get the average result for the final determination.
> 0.13 µg/cm ²	Positive	The result of sample is positive for Cr(VI). The sample coating is considered to contain Cr(VI).A result expresses as positive, while not an actual value, which indicates a visual observation was used.

(E) RoHS requirements

Restricted substances	Limits
Cadmium (Cd)	0.01% (100 ppm)
Lead (Pb)	0.1% (1000 ppm)
Mercury (Hg)	0.1% (1000 ppm)
Chromium (VI) (Cr ⁶⁺)	0.1% (1000 ppm)
Polybrominated biphenyls (PBBs)	0.1% (1000 ppm)
Polybrominated diphenyl ethers (PBDEs)	0.1% (1000 ppm)



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The above limits were quoted from Annex II of 2011/65/EU.

Tested Components:

- (1) White satin with black printing (sewn in label).
- (2) White fabric with multi color thread stitching (logo).
- (3) 20mm white plush (hair of large unicorn, hair, tail of unicorn, small unicorn).
- (4) 10mm pink plush (body of large unicorn, unicorn, small unicorn).
- (5) 3mm white plush with light brown printing (ears, hand, feet of large unicorn, large bunny, large puppy, unicorn, bunny, puppy, small unicorn, small bunny, small puppy).
- (6) 3mm beige plush (horn of large unicorn, unicorn, small unicorn).
- (7) White plastic (hooked velcro).
- (8) Pink brushed knit (holder, base of large unicorn, base of small unicorn).
- (9) White/ black embroidery thread with fabric backing (eyes of large unicorn, large bunny, large puppy, unicorn, bunny, puppy, small unicorn, small bunny, small puppy).
- (10) Off white elastic band (body of all style).
- (11) White webbing (binding of all style).
- (12) White stuffing material (body of all style).
- (13) White fabric (body of all style).
- (14) Shiny pink plush (blanket of large unicorn).
- (15) 10mm grey plush (body of large bunny, bunny, small bunny).
- (16) Grey embroidery thread with fabric backing (nose, mouth of large bunny, bunny, small bunny).
- (17) Grey brushed knit (holder, base of large bunny, base of small bunny).
- (18) Light grey plush (blanket of large bunny).
- (19) 10mm light brown plush (body of large puppy, puppy, small puppy).
- (20) 10mm brown plush (nose of large puppy, puppy, small puppy).
- (21) 10mm white plush (face, ears of large puppy, puppy, small puppy).
- (22) Light brown brushed knit (holder, base of large puppy, base of small puppy).
- (23) Shiny light brown plush (blanket of large puppy).
- (24) Beige plastic (hooked velcro).
- (25) Beige fabric (looped velcro).
- (26) 3mm pink plush (holder of unicorn).
- (27) Pink woven (lining of unicorn).
- (28) Grey plastic (hooked velcro).
- (29) Grey fabric (looped velcro).
- (30) 3mm grey plush (holder of bunny).
- (31) Grey woven (lining of bunny).
- (32) 3mm light brown plush (holder of puppy).
- (33) Light brown woven (lining of puppy).
- (34) Pink plastic (battery case).
- (35) Light pink plastic with black printing (battery cover).
- (36) Silver color metal (screw).
- (37) Silver color metal (nut).
- (38) Silver color metal (battery spring).
- (39) Silver color metal (battery contact plate).
- (40) Solder (on contact plate).



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Tested components :

- (41) Transparent plastic (washer).
- (42) Black foam with adhesive (ring of battery cover).
- (43) Off white plastic (inner block).
- (44) Blue plated metal (screw).
- (45) Blue plated metal (washer screw).
- (46) Translucent glue.
- (47) Red plastic (wire insulator).
- (48) White plastic (wire insulator).
- (49) Black plastic (wire insulator).
- (50) Copper color metal (wire).
- (51) Black plated metal (frame of slide switch).
- (52) White plastic (switch of slide switch).
- (53) Dull silver color metal (spring of slide switch).
- (54) Silver color metal (contact plate of slide switch).
- (55) Brown fibre board (PCB of slide switch).
- (56) Silver color metal (lead of slide switch).
- (57) Pale green plastic (case of tactile switch).
- (58) Silver color metal (frame of tactile switch).
- (59) Black plastic (button and case of tactile switch).
- (60) Silver color metal (contact plate of tactile switch).
- (61) Silver color metal (lead of tactile switch).
- (62) Transparent plastic (LED).
- (63) Silver color metal (lead of LED).
- (64) White body with black printing with silver color metal (SMD resistor).
- (65) Brown body with silver color metal (SMD capacitor).
- (66) Black epoxy with chip (IC on PCB).
- (67) White/ green fibre board (PCB).
- (68) Light brown plastic with black printing (battery case, battery case cover).
- (69) Grey plastic with brown printing (battery case, battery case cover).
- (70) Solder (on PCB).

Date sample received : Jan 02, 2020

Test Period : Jan 02, 2020 to Jan 08, 2020



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(10) Phthalate Content Test

Test Method : IEC 62321-8:2017, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Compound	Result (% w/w)			Limit (% w/w)
	(1/2/3)	(4/5/6)	(7/8)	
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	0.1

Compound	Result (% w/w)			Limit (% w/w)
	(9/10)	(11/12/13)	(14/15/16)	
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	0.1

Compound	Result (% w/w)			Limit (% w/w)
	(17/18/19)	(20/21)	(22/23)	
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	0.1



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The above limit was quoted according to Commission Delegated Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU (known as RoHS Directive).

The restriction of DEHP, BBP and DBP shall not apply to toys which are already subject to the restriction of DEHP, BBP and DBP through entry 51 of Annex XVII to Regulation (EC) No 1907/2006.

Tested Components:

- (1) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic with dark grey printing (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (8) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) Off-white elastic band (body of all style) (internal).
- (12) White plastic (wire covering) (internal).
- (13) Light green plastic (wire covering) (internal).
- (14) Transparent plastic (washer) (internal).
- (15) Black foam with adhesive backing (battery compartment cover) (internal).
- (16) Off-white plastic (cable tie) (internal).
- (17) Black plastic (button) (internal).
- (18) Brown PCB (backed of button) (internal).
- (19) Red plastic (wire covering) (internal).
- (20) Black plastic (wire covering) (internal).
- (21) White printed PCB (internal).
- (22) Transparent plastic (LED) (internal).
- (23) Translucent glue (internal).

Date sample received : Jan 02, 2020

Test Period : Jan 02, 2020 to Jan 08, 2020



TEST REPORT

Number : HKGH02550066

(11) Safety of Electric Toys

Test Standard : European Standard EN 62115 : 2005 + A12 : 2015 on Safety of electric toys.

Age group for testing : For All Ages

Power source:

Item No. 7106-UC, 7106-BB, 7106-PP : 3V, LR6 size x 2 pcs

Item No. 7472-UC, 7472-BUG, 7472-PP : 3V, LR03 size x 2 pcs

Included battery: Yes (LR6 size x 2 pcs; LR03 size X 2 pcs)

Operated function:

Item No. 7106-UC, 7106-BB, 7106-PP : Battery powered sound

Item No. 7472-UC, 7472-BUG, 7472-PP : Battery powered light

Clause	Requirement	Assessment
1	Scope	--
2	Normative reference	--
3	Definitions	--
4	General requirement	--
5.13	Battery polarity reversed test	P
6	Criteria for reduced testing	--
7	Marking and instructions	P#1
8	Power input	NA
9	Heating and abnormal operation	P
10	Electric strength at operating temperature	P
11	Moisture resistance	P
12	Electric strength at room temperature	P
13	Mechanical strength	P
14	Construction	P
15	Protection of cords and wires	P
16	Components	P
17	Screws and connections	P
18	Clearances and creepage distances	P
19	Resistance to heat and fire	P
20	Toxicity and similar hazards	#2
	Radiation hazard - Annex E Toys incorporating laser / light-emitting diodes (LED)	#3
	Toys with an integrated field source - Annex ZC Toys generating Electromagnetic Fields (EMF)	NA
Annex A	Experimental sets	NA
Annex B	Needle flame test	NA



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Clause	Requirement	Assessment
Annex C	Automatic controls and switches	NA
Annex D	Sequence of the tests of Clause 19	--
Annex ZB	Toys with protective electronic circuit influence from electromagnetic phenomena (EMP).	NA

Abbreviation : P = Pass NA = Not Applicable

Remarks:

- #1 = Only the English version of the marking and instructions were assessed. According to the standard, instruction sheets and other texts required by the standard shall be written in the official language of the country in which the product is to be sold.
- #2 = This report does not include test result of toxicity and similar hazard.
- #3 = This report does not include test result of IEC 60825-1 class 1 for the lasers / light emitting diodes (LEDs).

Date sample received : Jan 02, 2020
 Test Period : Jan 02, 2020 to Jan 07, 2020

(12) Optical Radiation

Test Standard : International Standard IEC 62115:2017 Safety of electric toys, Annex E

Clause	Title/Description	Result
19.E.2	Light-emitting diodes (LEDs)	Pass
19.E.3	Lasers	Not Applicable
19.E.4	UV-emitting lamps	Not Applicable
19.E.5	Modulated accessible emission	See Remark



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Table of measuring data

For Yellow LED (water clear)

Condition	Measured Wavelength	Spectral Emission Bandwidth	Measuring Distance	Measured Radiant Intensity	Limit
Normal	590nm	14.8nm	200mm	1.01mW/sr	0.76W/sr
Fault	590nm	14.8nm	200mm	2.90mW/sr	0.76W/sr

For Green LED (water clear)

Condition	Measured Wavelength	Spectral Emission Bandwidth	Measuring Distance	Measured Radiant Intensity	Limit
Normal	516nm	28.2nm	200mm	1.27mW/sr	0.51W/sr
Fault	516nm	28.2nm	200mm	3.02mW/sr	0.51W/sr

For Blue LED (water clear)

Condition	Measured Wavelength	Spectral Emission Bandwidth	Measuring Distance	Measured Radiant Intensity	Limit
Normal	462nm	18.2nm	200mm	1.75mW/sr	0.06W/sr
Fault	462nm	18.2nm	200mm	14.9mW/sr	0.06W/sr

Remark:

1. When determining the test conclusion, the Measurement Uncertainty of test has been considered.
2. The marking requirement per clause 19.E.5 was not evaluated in this test report
3. The test was conducted by operating the apparatus at rated voltage 3.0VDC and the measurement was made on the LED itself.
4. 1 pc. 4.8mm round type water clear Yellow LED is used in the apparatus.
5. 1 pc. 4.8mm round type water clear Green LED is used in the apparatus.
6. 1 pc. 4.8mm round type water clear Blue LED is used in the apparatus.

Date sample received : Jan 02, 2020
 Testing period : Jan 02, 2020 to Jan 10, 2020



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(13) Detection Of Amines Derived From Azocolourants and Azodyes

Test Method : By extraction on cut sample according to the below listed test method(s), followed by Gas Chromatographic - Mass Spectrometric (GC-MS) analysis and confirmed by High-Performance Liquid Chromatography / Diode Array Detector (HPLC/DAD) analysis.

EN 14362-1 : 2012 for Textile Material
 EN ISO 17234-1: 2010 for Leather Material
 EN 14362-3 : 2012 & EN ISO 17234-2: 2011 for p-Aminoazobenzene

No.	Forbidden Amine	CAS No.	Result (ppm)			Limit (ppm)
			(1/2/3)	(4/5)	(6/7)	
1	4-Aminodiphenyl	92-67-1	N	N	N	30
2	Benzidine	92-87-5	N	N	N	30
3	4-Chloro-o-toluidine	95-69-2	N	N	N	30
4	2-Naphthylamine	91-59-8	N	N	N	30
5	o-Aminoazotoluene	97-56-3	N	N	N	30
6	2-Amino-4-nitrotoluene	99-55-8	N	N	N	30
7	p-Chloroaniline	106-47-8	N	N	N	30
8	2,4-Diaminoanisole	615-05-4	N	N	N	30
9	4,4'-Diaminodiphenylmethane	101-77-9	N	N	N	30
10	3,3'-Dichlorobenzidine	91-94-1	N	N	N	30
11	3,3'-Dimethoxybenzidine	119-90-4	N	N	N	30
12	3,3'-Dimethylbenzidine	119-93-7	N	N	N	30
13	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N	N	N	30
14	p-Cresidine	120-71-8	N	N	N	30
15	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	N	N	N	30
16	4,4'-Oxydianiline	101-80-4	N	N	N	30
17	4,4'-Thiodianiline	139-65-1	N	N	N	30
18	o-Toluidine	95-53-4	N	N	N	30
19	2,4-Toluylenediamine	95-80-7	N	N	N	30
20	2,4,5-Trimethylaniline	137-17-7	N	N	N	30
21	o-Anisidine	90-04-0	N	N	N	30
22	p-Aminoazobenzene	60-09-3	N	N	N	30



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No.	Forbidden Amine	CAS No.	Result (ppm)			Limit (ppm)
			(8/9/10)	(11/12/13)	(14/15/16)	
1	4-Aminodiphenyl	92-67-1	N	N	N	30
2	Benzidine	92-87-5	N	N	N	30
3	4-Chloro-o-toluidine	95-69-2	N	N	N	30
4	2-Naphthylamine	91-59-8	N	N	N	30
5	o-Aminoazotoluene	97-56-3	N	N	N	30
6	2-Amino-4-nitrotoluene	99-55-8	N	N	N	30
7	p-Chloroaniline	106-47-8	N	N	N	30
8	2,4-Diaminoanisole	615-05-4	N	N	N	30
9	4,4'-Diaminodiphenylmethane	101-77-9	N	N	N	30
10	3,3'-Dichlorobenzidine	91-94-1	N	N	N	30
11	3,3'-Dimethoxybenzidine	119-90-4	N	N	N	30
12	3,3'-Dimethylbenzidine	119-93-7	N	N	N	30
13	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N	N	N	30
14	p-Cresidine	120-71-8	N	N	N	30
15	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	N	N	N	30
16	4,4'-Oxydianiline	101-80-4	N	N	N	30
17	4,4'-Thiodianiline	139-65-1	N	N	N	30
18	o-Toluidine	95-53-4	N	N	N	30
19	2,4-Toluylenediamine	95-80-7	N	N	N	30
20	2,4,5-Trimethylaniline	137-17-7	N	N	N	30
21	o-Anisidine	90-04-0	N	N	N	30
22	p-Aminoazobenzene	60-09-3	N	N	N	30



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No.	Forbidden Amine	CAS No.	Result (ppm)			Limit (ppm)
			(17/18/19)	(20/21/22)	(23/24/25)	
1	4-Aminodiphenyl	92-67-1	N	N	N	30
2	Benzidine	92-87-5	N	N	N	30
3	4-Chloro-o-toluidine	95-69-2	N	N	N	30
4	2-Naphthylamine	91-59-8	N	N	N	30
5	o-Aminoazotoluene	97-56-3	N	N	N	30
6	2-Amino-4-nitrotoluene	99-55-8	N	N	N	30
7	p-Chloroaniline	106-47-8	N	N	N	30
8	2,4-Diaminoanisole	615-05-4	N	N	N	30
9	4,4'-Diaminodiphenylmethane	101-77-9	N	N	N	30
10	3,3'-Dichlorobenzidine	91-94-1	N	N	N	30
11	3,3'-Dimethoxybenzidine	119-90-4	N	N	N	30
12	3,3'-Dimethylbenzidine	119-93-7	N	N	N	30
13	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N	N	N	30
14	p-Cresidine	120-71-8	N	N	N	30
15	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	N	N	N	30
16	4,4'-Oxydianiline	101-80-4	N	N	N	30
17	4,4'-Thiodianiline	139-65-1	N	N	N	30
18	o-Toluidine	95-53-4	N	N	N	30
19	2,4-Toluylenediamine	95-80-7	N	N	N	30
20	2,4,5-Trimethylaniline	137-17-7	N	N	N	30
21	o-Anisidine	90-04-0	N	N	N	30
22	p-Aminoazobenzene	60-09-3	N	N	N	30



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No.	Forbidden Amine	CAS No.	Result (ppm)	Limit (ppm)
			(26/27/28)	
1	4-Aminodiphenyl	92-67-1	N	30
2	Benzidine	92-87-5	N	30
3	4-Chloro-o-toluidine	95-69-2	N	30
4	2-Naphthylamine	91-59-8	N	30
5	o-Aminoazotoluene	97-56-3	N	30
6	2-Amino-4-nitrotoluene	99-55-8	N	30
7	p-Chloroaniline	106-47-8	N	30
8	2,4-Diaminoanisole	615-05-4	N	30
9	4,4'-Diaminodiphenylmethane	101-77-9	N	30
10	3,3'-Dichlorobenzidine	91-94-1	N	30
11	3,3'-Dimethoxybenzidine	119-90-4	N	30
12	3,3'-Dimethylbenzidine	119-93-7	N	30
13	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N	30
14	p-Cresidine	120-71-8	N	30
15	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	N	30
16	4,4'-Oxydianiline	101-80-4	N	30
17	4,4'-Thiodianiline	139-65-1	N	30
18	o-Toluidine	95-53-4	N	30
19	2,4-Toluylenediamine	95-80-7	N	30
20	2,4,5-Trimethylaniline	137-17-7	N	30
21	o-Anisidine	90-04-0	N	30
22	p-Aminoazobenzene	60-09-3	N	30



TEST REPORT

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N = Not detected
Detection limit = 5 ppm
Requirement = 30 ppm (max.)

- High Performance Liquid Chromatographic (HPLC) analysis was used to confirm any detected amines greater than compliance requirement.

- The test component with p-aminoazobenzene less than detection limit was tested by EN14362-1: 2012 for textile material / ISO 17234-1:2010 for leather material.

ppm = parts per million = mg/kg

The components (4/5) were tested with and without chlorobenzene extractions since the applicant could not provide sufficient information about printing type for choosing extraction method. According to standard test method EN 14362-1:2012, if material is printed with pigments, the method without chlorobenzene should be used.

Tested Components:

- (1) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (2) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (3) Grey string (mouth, nose of dream buddies bunny #7472-BUG, blankie buddies Benny the Bunny #7107-BUG, Benny the Bunny #7106-BUG).
- (4) White satin with black printing (swen-in label).
- (5) 2mm pale ivory plush with light brown printing (ears, paw of all style).
- (6) White fabric with multi color thread stitching (logo).
- (7) 10mm grey plush (body of dream buddies bunny #7472-BUG, blankie buddies Benny the Bunny #7107-BUG, Benny the Bunny #7106-BUG).
- (8) Grey brushed knit (battery compartment of dream buddies bunny #7472-BUG, strap, lining of blankie buddies Benny the Bunny #7107-BUG).
- (9) Beige brushed knit (battery compartment of dream buddies puppy #7472-PP, strap, lining of blankie buddies Patch the Puppy #7107-PP).
- (10) 10mm beige plush (body of dream buddies puppy #7472-PP, blankie buddies Patch the Puppy #7107-PP, Patch the Puppy #7106-PP).
- (11) 10mm pale ivory plush (ears, eyes of dream buddies puppy #7472-PP, blankie buddies Patch the Puppy #7107-PP, Patch the Puppy #7106-PP).
- (12) Pale beige velour (horn of dream buddies unicorn #7472-UC, blankie buddies Ella the unicorn #7107-UC, Ella the unicorn #7106-UC).
- (13) 10mm light pink plush (body of dream buddies unicorn #7472-UC, blankie buddies Ella the unicorn #7107-UC, Ella the unicorn #7106-UC).
- (14) Pink brushed knit (battery compartment of dream buddies unicorn #7472-UC, strap, lining of blankie buddies Ella the unicorn #7107-UC).
- (15) 5mm pink plush (blanket of blankie buddies Ella the unicorn #7107-UC).
- (16) Pink embroidery thread (sewing of blanket on blankie buddies Ella the unicorn #7107-UC).



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Tested components :

- (17) Light beige embroidery thread (sewing of blanket on blankie buddies Patch the Puppy #7107-PP).
- (18) 5mm beige plush (blanket of blankie buddies Patch the Puppy #7107-PP).
- (19) 5mm grey plush (blanket of blankie buddies Benny the Bunny #7107-BUG).
- (20) Grey embroidery thread (sewing of blanket on blankie buddies Benny the Bunny #7107-BUG).
- (21) Grey velcro (loop of velcro on Benny the Bunny #7106-BUG).
- (22) 2mm grey plush (strap of velcro on Benny the Bunny #7106-BUG).
- (23) Grey woven (lining of Benny the Bunny #7106-BUG).
- (24) Beige woven (lining of Patch the Puppy #7106-PP).
- (25) 2mm beige plush (strap of Patch the Puppy #7106-PP).
- (26) Beige velcro (loop of velcro on Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (27) 2mm pink plush (strap of Ella the unicorn #7106-UC).
- (28) Pink woven (lining of Ella the unicorn #7106-UC).

Date sample received : Jan 02, 2020

Test Period : Jan 02, 2020 to Jan 08, 2020



TEST REPORT

Number : HKGH02550066

(14) Physical and Mechanical Tests

Test Standard : ASTM Standard Consumer Safety Specification for Toy Safety F963-17

Age group for testing : For All Ages

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations : -

Test	FHSA	Parameter
Compression test	Section 1500.53(g)	30 lbf
Drop Test	Section 1500.51(b)	10 x 4.5 ft
Tension test	Section 1500.53(f)	15 lbf
Torque test	Section 1500.53(e)	4 in-lbf

Clause	Requirement	Assessment
4.1	Material quality	P
4.5	Sound producing toys	P
4.6.1	Toys intended for children under 36 months of age	P
4.6.2	Mouth actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months - Small part warning	NA
4.7	Accessible edges	P
4.8	Projection	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Plastic film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps, and elastics	P
4.15	Stability and overload requirement	NA
4.16	Confined spaces	NA
4.17	Wheels, tires, and axles (96 months of age or less)	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery operated toys	P
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag type toys	P



TEST REPORT

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Clause	Requirement	Assessment
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispherical shaped objects	NA
4.37	Yo Yo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labeling requirements	P
6	Instructional literature	P
7	Producer's marking	
	- Name of producer / distributor	Yes
	- Address	Yes

Abbreviation : P = Pass NA = Not Applicable

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Date sample received : Jan 02, 2020 and Jan 17, 2020

Test Period : Jan 02, 2020 to Jan 20, 2020



TEST REPORT

Number : HKGH02550066

(15) Battery-Operated Toys

Test Standard : Section 4.25, 5.15 & 6.5 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Age group for testing : For All Ages

Clause	Requirement	Assessment
4.25.1	Battery marking	P
4.25.2	Maximum allowable direct current potential	P
4.25.3	Protection against charging non-rechargeable battery	P
4.25.4	Accessible batteries	P
4.25.5	Accessible batteries that can fit completely within small part cylinder	P
4.25.6	Isolation of batteries of different types or capacities	NA
4.25.7	Temperature of battery surface	P
4.25.8	Temperature of battery surface or combustion hazard after normal use and abuse test	P
4.25.9	Instruction requirement in section 6.5	P
4.25.10	Battery-powered of ride on toys	NA
5.15	Non-replaceable batteries	NA
5.15.2	Instruction for button or coin cell batteries	NA
6.5	Instruction on safe battery usage	P

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Jan 02, 2020
Test Period : Jan 02, 2020 to Jan 07, 2020



TEST REPORT

Number : HKGH02550066

(16) Flammability Tests

Test Standard : Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

<u>Sample</u>	<u>Ignition point</u>	<u>Burn length</u> <u>(inch)</u>	<u>Time (sec)</u>	<u>Burn Rate</u> <u>(inch/sec)</u>	<u>Limit (inch/sec)</u>
bunny	leg	1.0	60	0.02	0.10

The above result only showed the most severe burn rate of the samples and components.

Date sample received : Jan 02, 2020
Test Period : Jan 02, 2020 to Jan 07, 2020

(17) Total Lead (Pb) Content

Test Method : Sections 4.3.5.1(1) and 4.3.5.2(2)(a) of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17, CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3 or/and CPSC-CH-E1003-09.1, analysed by Inductively Coupled Argon Plasma Spectrometry.

Substrate:

Tested Component	Result in ppm	Limit in ppm
(1/2)	<20	100
(3/4/5)	<20	100
(6/7)	<20	100
(8/9/10)	<20	100
(11)	<20	100
(12/13/14)	<20	100



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ppm = parts per million = mg/kg

Tested Components:

- (1) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (8) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) White satin with black printing (swen-in label).
- (12) Off-white elastic band (body of all style) (internal).
- (13) White plastic (wire covering) (internal).
- (14) Light green plastic (wire covering) (internal).

Date sample received : Jan 02, 2020
 Test Period : Jan 02, 2020 to Jan 07, 2020

(18) Heavy Elements Analysis

Test Method : Sections 8.3.2, 8.3.3, 8.3.4 and 8.3.5 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17, acid extraction and analysed by Inductively Coupled Argon Plasma Spectrometry.

Materials other than modelling clay:

	Result (ppm)			Limit (ppm)
	(1)	(2)	(3)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25



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	Result (ppm)			Limit (ppm)
	(4)	(5)	(6)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(7)	(8)	(9)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(10)	(11)	(12)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25



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	Result (ppm)			Limit (ppm)
	(13)	(14)	(15)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(16)	(17)	(18)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(19)	(20)	(21)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25



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	Result (ppm)			Limit (ppm)
	(22)	(23)	(24)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(25)	(26)	(27)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(28)	(29)	(30)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25



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	Result (ppm)			Limit (ppm)
	(31)	(32)	(33)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(34)	(35)	(36)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(37)	(38)	(39)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25



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	Result (ppm)			Limit (ppm)
	(40)	(41)	(42)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(43)	(44)	(45)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)	Limit (ppm)
	(46)	
Soluble Barium (Ba)	<5	1000
Soluble Lead (Pb)	<5	90
Soluble Cadmium (Cd)	<5	75
Soluble Antimony (Sb)	<5	60
Soluble Selenium (Se)	<5	500
Soluble Chromium (Cr)	<5	60
Soluble Mercury (Hg)	<5	60
Soluble Arsenic (As)	<2.5	25



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ppm = parts per million = mg/kg

Tested Components:

- (1) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (8) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) White satin with black printing (swen-in label).
- (12) White fabric with multi color thread stitching (logo).
- (13) Black/ white embroidery thread (eyes of all style).
- (14) Grey string (mouth, nose of dream buddies bunny #7472-BUG, blankie buddies Benny the Bunny #7107-BUG, Benny the Bunny #7106-BUG).
- (15) Grey felt (nose of dream buddies bunny #7472-BUG, blankie buddies Benny the Bunny #7107-BUG, Benny the Bunny #7106-BUG).
- (16) 2mm pale ivory plush with light brown printing (ears, paw of all style).
- (17) 10mm grey plush (body of dream buddies bunny #7472-BUG, blankie buddies Benny the Bunny #7107-BUG, Benny the Bunny #7106-BUG).
- (18) Grey brushed knit (battery compartment of dream buddies bunny #7472-BUG, strap, lining of blankie buddies Benny the Bunny #7107-BUG).
- (19) Beige brushed knit (battery compartment of dream buddies puppy #7472-PP, strap, lining of blankie buddies Patch the Puppy #7107-PP).
- (20) 10mm beige plush (body of dream buddies puppy #7472-PP, blankie buddies Patch the Puppy #7107-PP, Patch the Puppy #7106-PP).
- (21) 10mm pale ivory plush (ears, eyes of dream buddies puppy #7472-PP, blankie buddies Patch the Puppy #7107-PP, Patch the Puppy #7106-PP).
- (22) 5mm deep beige plush (nose of dream buddies puppy #7472-PP, blankie buddies Patch the Puppy #7107-PP, Patch the Puppy #7106-PP).
- (23) Pale beige velour (horn of dream buddies unicorn #7472-UC, blankie buddies Ella the unicorn #7107-UC, Ella the unicorn #7106-UC).
- (24) 20mm white plush (mane, tail of dream buddies unicorn #7472-UC, blankie buddies Ella the unicorn #7107-UC, Ella the unicorn #7106-UC).
- (25) 10mm light pink plush (body of dream buddies unicorn #7472-UC, blankie buddies Ella the unicorn #7107-UC, Ella the unicorn #7106-UC).
- (26) Pink brushed knit (battery compartment of dream buddies unicorn #7472-UC, strap, lining of blankie buddies Ella the unicorn #7107-UC).



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Tested components :

- (27) 5mm pink plush (blanket of blankie buddies Ella the unicorn #7107-UC).
- (28) Pink embroidery thread (sewing of blanket on blankie buddies Ella the unicorn #7107-UC).
- (29) Light beige embroidery thread (sewing of blanket on blankie buddies Patch the Puppy #7107-PP).
- (30) 5mm beige plush (blanket of blankie buddies Patch the Puppy #7107-PP).
- (31) 5mm grey plush (blanket of blankie buddies Benny the Bunny #7107-BUG).
- (32) Grey embroidery thread (sewing of blanket on blankie buddies Benny the Bunny #7107-BUG).
- (33) White brushed knit (lining of all style blankie buddies).
- (34) Grey velcro (loop of velcro on Benny the Bunny #7106-BUG).
- (35) 2mm grey plush (strap of velcro on Benny the Bunny #7106-BUG).
- (36) Grey woven (lining of Benny the Bunny #7106-BUG).
- (37) Beige woven (lining of Patch the Puppy #7106-PP).
- (38) 2mm beige plush (strap of Patch the Puppy #7106-PP).
- (39) Beige velcro (loop of velcro on Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (40) 2mm pink plush (strap of Ella the unicorn #7106-UC).
- (41) Pink woven (lining of Ella the unicorn #7106-UC).
- (42) White webbing (binding of all style).
- (43) Off-white stuffing material (body of all style).
- (44) Off-white elastic band (body of all style) (internal).
- (45) White plastic (wire covering) (internal).
- (46) Light green plastic (wire covering) (internal).

Date sample received : Jan 02, 2020
Test Period : Jan 02, 2020 to Jan 07, 2020

(19) Total Lead (Pb) Content in Surface Coating

Test Method : Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, test method CPSC-CH-E1003-09.1, analysed by Inductively Coupled Argon Plasma Spectrometry.

Assessment : Since no scrapable surface coating was found on the submitted samples, the testing scope of CPSIA for total Lead content test was not applicable to the submitted samples.

Date sample received : Jan 02, 2020
Test Period : Jan 02, 2020 to Jan 07, 2020



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Number : HKGH02550066

(20) Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

Test Method : Standard Operating Procedures for Determining Total Lead (Pb) in Children's Products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3, analysed by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in ppm	Limit in ppm
(1/2)	<20	100
(3/4/5)	<20	100
(6/7)	<20	100
(8/9/10)	<20	100
(11)	<20	100
(12/13/14)	<20	100

ppm = parts per million = mg/kg

Tested Components:

- (1) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (8) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) White satin with black printing (swen-in label).
- (12) Off-white elastic band (body of all style) (internal).
- (13) White plastic (wire covering) (internal).
- (14) Light green plastic (wire covering) (internal).

Date sample received : Jan 02, 2020

Test Period : Jan 02, 2020 to Jan 07, 2020



TEST REPORT

Number : HKGH02550066

(21) Stuffing Cleanliness Test

Test Standard : Section 4.3.7 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-17.

Observation: After the stuffing cleanliness evaluation, no contaminant was found in stuffing materials of the submitted sample.

Date sample received : Jan 02, 2020
 Test Period : Jan 02, 2020 to Jan 07, 2020

(22) Phthalate Content Test

Test Method : Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.4 was used and phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Compound	Result (% w/w)			Limit (% w/w)
	(1/2/3)	(4/5/6)	(7/8)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	0.1
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	0.1
Di-n-pentyl phthalate (DPP) / (DPENP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP) / (DHEXP)	<0.01	<0.01	<0.01	0.1
Dicyclohexyl phthalate (DCHP)	<0.01	<0.01	<0.01	0.1



TEST REPORT

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Compound	Result (% w/w)		Limit (% w/w)
	(9/10)	(11/12/13)	
Dibutyl phthalate (DBP)	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	0.1
Diisobutyl phthalate (DIBP)	<0.01	<0.01	0.1
Di-n-pentyl phthalate (DPP) / (DPENP)	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP) / (DHEXP)	<0.01	<0.01	0.1
Dicyclohexyl phthalate (DCHP)	<0.01	<0.01	0.1

The above limits are quoted from Federal Register, Vol. 82, No. 207, October 27, 2017, Rules and Regulations, Final rule for 16 CFR Part 1307 "Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates" effective from April 25, 2018.

Tested Components:

- (1) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic with dark grey printing (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (8) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) Off-white elastic band (body of all style) (internal).
- (12) White plastic (wire covering) (internal).
- (13) Light green plastic (wire covering) (internal).

Date sample received : Jan 02, 2020
 Test Period : Jan 02, 2020 to Jan 08, 2020



TEST REPORT

Number : HKGH02550066

(23) Phthalate Content Test

Test Method : Solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Compound	Result (% w/w)			Limit (% w/w)
	(1/2/3)	(4/5/6)	(7/8)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	--

Compound	Result (% w/w)		Limit (% w/w)
	(9/10)	(11/12/13)	
Dibutyl phthalate (DBP)	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP)	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	--



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The above limit was quoted from the Consent Judgment no. BG-350969 settled by superior court of the state of California for the county of Alameda, for Toys (designed for or reasonable used by children under six years of age) set based on the California Proposition 65.

Tested Components:

- (1) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic with dark grey printing (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (8) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) Off-white elastic band (body of all style) (internal).
- (12) White plastic (wire covering) (internal).
- (13) Light green plastic (wire covering) (internal).

Date sample received : Jan 02, 2020

Test Period : Jan 02, 2020 to Jan 08, 2020



TEST REPORT

Number : HKGH02550066

(24) Total Lead (Pb) content

Test Method : Acid digestion and analysed by Inductively Coupled Argon Plasma Spectrometry.

Substrate:

Tested Component	Result in %, w/w	Limit in %, w/w
(1/2)	<0.0020	0.010
(3/4/5)	<0.0020	0.010
(6/7)	<0.0020	0.010
(8/9/10)	<0.0020	0.010
(11)	<0.0020	0.010
(12/13/14)	<0.0020	0.010

The above limit was quoted from the Consent Judgement no. RG-356892 settled by Superior Court of the State of California for the County of Alameda, for toys based on the California Proposition 65.

Tested Components:

- (1) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (8) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) White satin with black printing (swen-in label).
- (12) Off-white elastic band (body of all style) (internal).
- (13) White plastic (wire covering) (internal).
- (14) Light green plastic (wire covering) (internal).

Date sample received : Jan 02, 2020

Test Period : Jan 02, 2020 to Jan 07, 2020



TEST REPORT

Number : HKGH02550066

(25) Flame Retardants

Test Standard : Solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Assessment : Not Applicable

Date sample received : Jan 02, 2020
 Testing period : Jan 02, 2020 to Jan 07, 2020

(26) Physical and Mechanical Tests

Test Standard : Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 (last amended on 11 January 2019)

Age group for testing : For All Ages

The submitted samples were undergone the use and abuse tests in accordance with the Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 (last amended on 11 January 2019):	
<u>Test</u>	<u>Parameter</u>
Drop test	4 x (1.367 +/- 0.005) m
Pull test	42.5 +/- 2 N
Push test	42.5 +/- 2 N

<u>Clause</u>	<u>Requirement</u>	<u>Assessment</u>
3	General - English and French Bilingual Statement	NA
4	Packaging	P
5	Electrically operated toys	NA
6	Electrically heated toys	NA
7	Small parts	P
8	Metal edges	P
9	Wire Frames	P
10	Plastic Edges	P
11	Wooden Surfaces, Edges and Corners	NA
12	Glass	NA
13	Fasteners	P
14	Folding Mechanisms, Bracket or Bracing	NA
15	Spring-Wound Driving Mechanism	NA
16	Projectile Components	NA
17	Toys which a child can enter and which can be closed by a lid or door	NA
18	Stationary toy that is intended to bear the weight of a child	NA
19	Noise limit	P
20	Heated surfaces, parts or substances	P
28	Fastening to attach parts, Clothing or Ornamentation	P



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Clause	Requirement	Assessment
29	Stuffing Materials	P
	(a) Clean and free from vermin	P
	(b) Free from Hard and Sharp Foreign Matter	P
30	Small parts - Squeaker, Reed, Valve or other similar device	NA
31	Eyes or nose	NA
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing material	P
37	Pull and Push Toys that has a shaft-like handle	NA
38	Toy Steam Engines Boilers	NA
39	Finger Paints	NA
40	Rattle	NA
41	Elastic	NA
42	Yo-Yo Type Balls	NA
	(a) Stretchable cord	NA
	(b) Similar product	NA
43	Magnetic toys	NA
44	Warning of magnetic toys	NA

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Jan 02, 2020
 Test Period : Jan 02, 2020 to Jan 07, 2020

(27) Celluloid or Cellulose Nitrate

Test Standard : Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 (last amended on 11 January 2019) section 21

	<u>Assessment</u>	<u>Requirements</u>
Cellulose Nitrate / Celluloid	Absent	Absent

Date sample received : Jan 02, 2020
 Test Period : Jan 02, 2020 to Jan 07, 2020



TEST REPORT

Number : HKGH02550066

(28) Flammability Test

Test Standard : Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 32

All samples were tested and passed the requirements.

Tested components:

- (1) Brushed knit.
- (2) 10 mm plush.
- (3) 2 mm plush.

Date sample received : Jan 02, 2020
Test Period : Jan 02, 2020 to Jan 06, 2020

(29) Toxic Elements Analysis

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

Assessment : Since no scrapable surface coating was found on the submitted samples, the testing scope was not applicable to the submitted samples

Date sample received : Jan 02, 2020
Test Period : Jan 02, 2020 to Jan 07, 2020



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Number : HKGH02550066

(30) Heavy Elements Analysis in plastic

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

Soluble Elements Content:

	Result (ppm)			Limit (ppm)
	(1)	(2)	(3)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(4)	(5)	(6)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(7)	(8)	(9)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25



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	Result (ppm)			Limit (ppm)
	(10)	(11)	(12)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)	Limit (ppm)
	(13)	
Soluble Barium (Ba)	<5	1000
Soluble Selenium (Se)	<5	500
Soluble Cadmium (Cd)	<5	75
Soluble Antimony (Sb)	<5	60
Soluble Chromium (Cr)	<5	60
Soluble Mercury (Hg)	<5	60
Soluble Arsenic (As)	<2.5	25

ppm = parts per million = mg/kg

Tested Components:

- (1) Shiny light pink plastic (body of dream buddies unicorn #7472-UC).
- (2) Light pink plastic (battery compartment of dream buddies bunny #7472-UC).
- (3) Off-white plastic (button of all style dream buddies).
- (4) Light beige velcro (hook of velcro on dream buddies unicorn #7472-UC, dream buddies bunny #7472-UC, Patch the Puppy #7106-PP, Ella the unicorn #7106-UC).
- (5) Shiny beige plastic (body of dream buddies puppy #7472-PP).
- (6) Beige plastic with dark grey printing (battery compartment of dream buddies puppy #7472-PP).
- (7) Shiny grey plastic (body of dream buddies bunny #7472-BUG).
- (8) Grey plastic with dark grey printing (battery compartment of dream buddies bunny #7472-BUG).
- (9) White plastic (hook of velcro on all style blankie buddies).
- (10) Grey velcro (hook of velcro on Benny the Bunny #7106-BUG).
- (11) Off-white elastic band (body of all style) (internal).
- (12) White plastic (wire covering) (internal).
- (13) Light green plastic (wire covering) (internal).

Date sample received : Jan 02, 2020

Test Period : Jan 02, 2020 to Jan 07, 2020



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(31) Tris(2-chloroethyl) phosphate (TCEP) Content

Test method: Solvent extraction and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Assessment : Not Applicable

Date sample received : Jan 02, 2020

Testing period : Jan 02, 2020 to Jan 07, 2020



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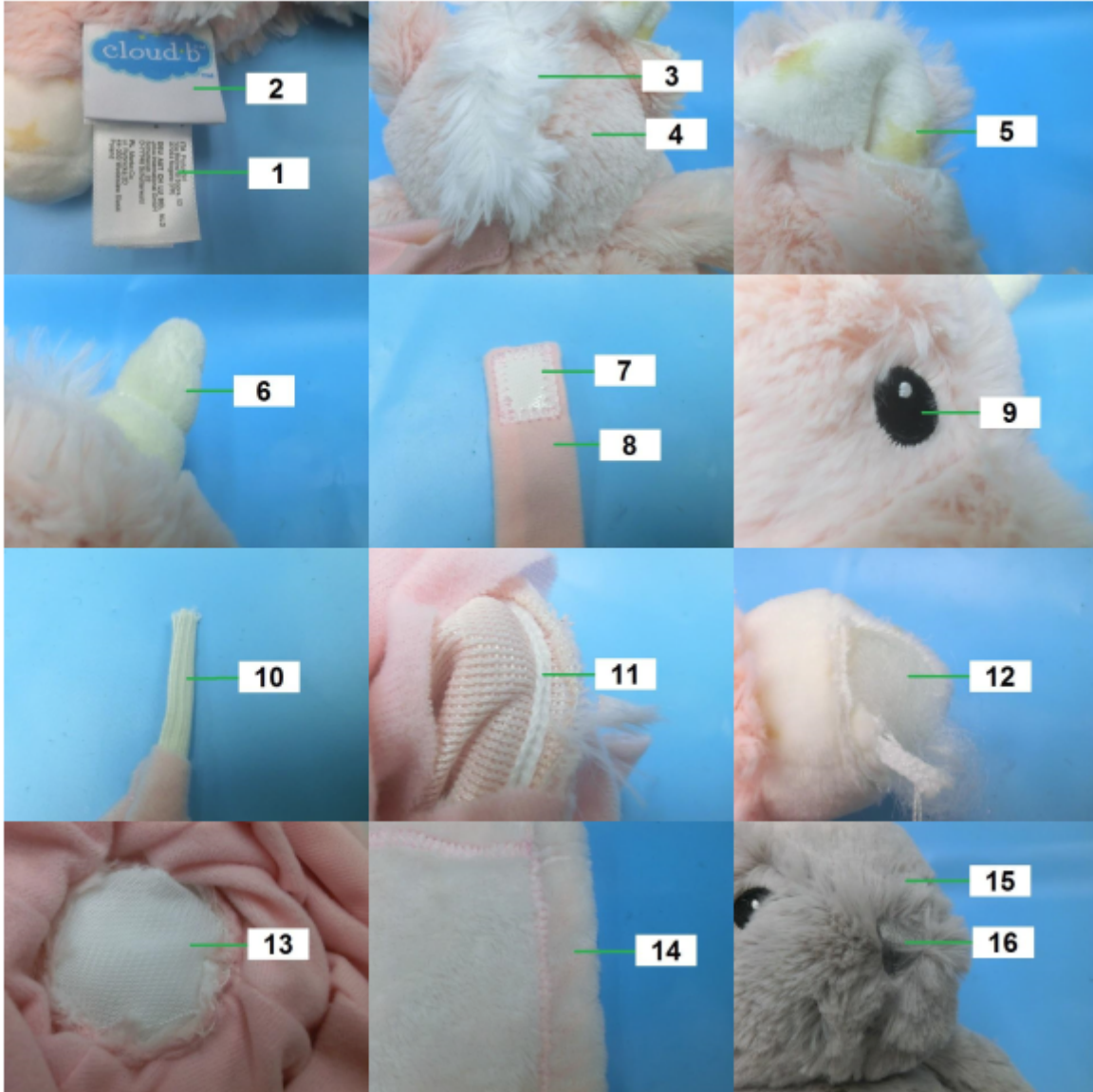




TEST REPORT

Number : HKGH02550066

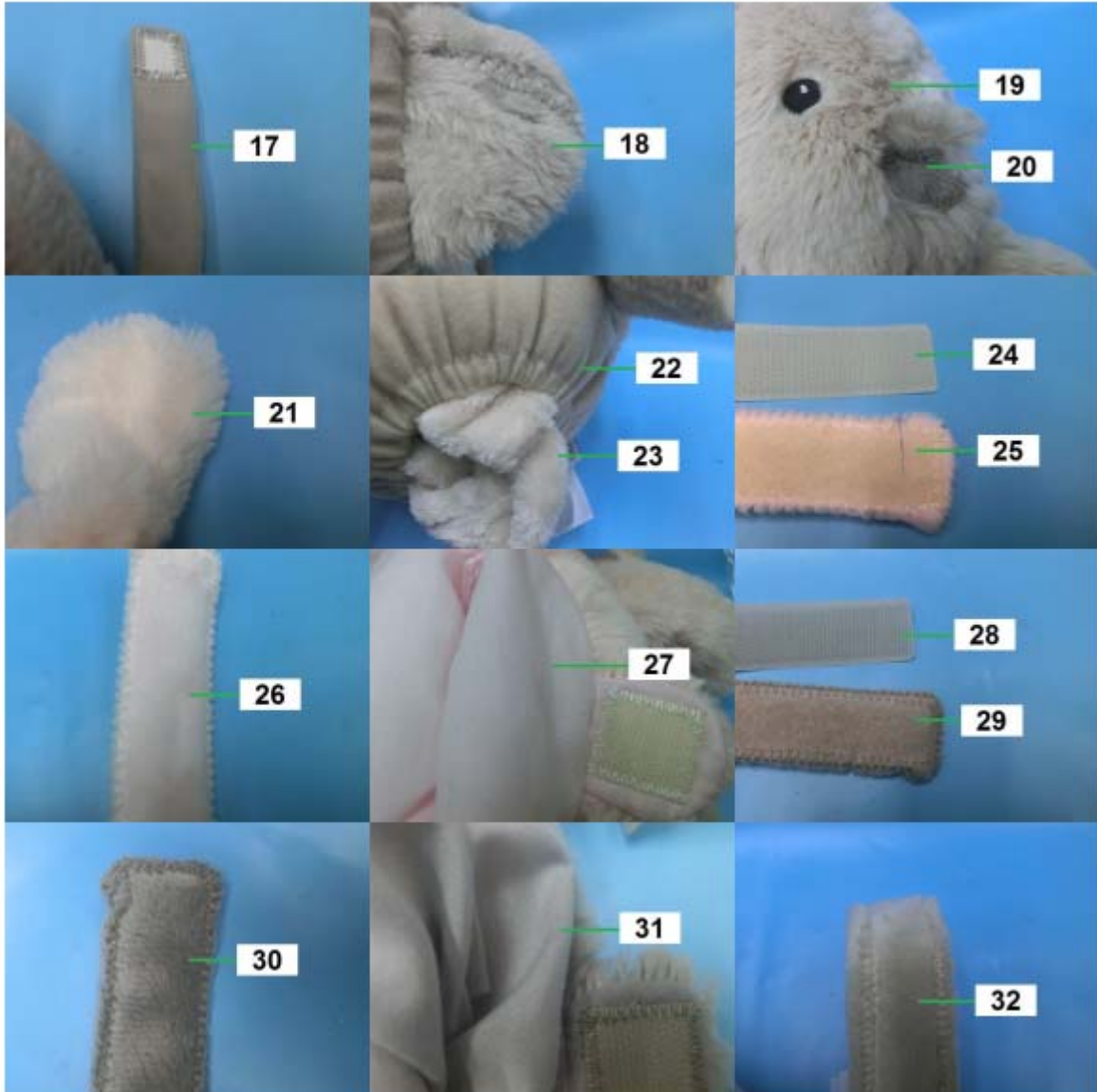
TESTED COMPONENTS PHOTOS





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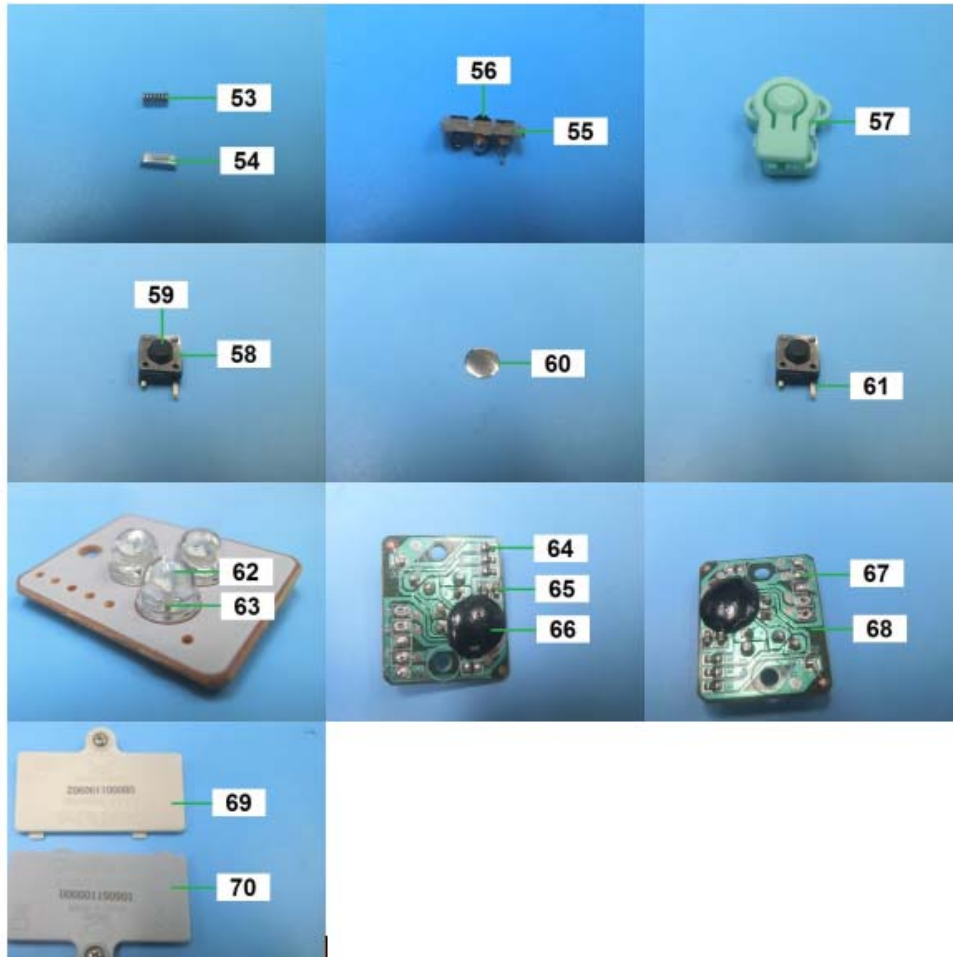
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End of report

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