Test Report

Applicant:	Global Wave LLC
Address:	[redacted]
Sample Name:	Magnetic Child Safety Lock Kit
Model No.:	BPM-MSLK001, BPM-MSLK006, BPM-MSLK024, BPM-MSLK036
Brand Name:	Baby Proof Me
Manufacturer:	[redacted]
Address:	[redacted]
Labeled Age Grading:	0-3 years old
Requested Age Grading:	0-3 years old

The above sample(s) and information were provided by the client.

Age Group Assessed by MTL:	0-3 years old
Age Group Applied in Testing:	0-3 years old
Sample Receiving Date:	July 10, 2026
Testing Period:	From July 10, 2026 to July 13, 2026
Test Requested:	Selected test(s) as requested by client
Test Method(s):	Please refer to next page(s).
Test Result(s):	Please refer to next page(s).

Signed for and on behalf of MTL

SHENZHEN MTL TESTING TECHNOLOGY CO., LTD APPROVED

WangSC/ Approved Signatory

Result Summary:

Test Requested		Conclusion
A	As specified in title 16, code of federal regulations, chapter II - consumer products safety commission of U.S.A	-
	1. 16 CFR 1500.50.51.52.53 Simulating use and abuse of toys	PASS
	2. 16 CFR 1501 Small Objects	PASS
	3. 16 CFR 1500.48 Sharp point	PASS
	4. 16 CFR 1500.49 Sharp edge	PASS
	5. 16 CFR 1500.44 Flammability test on solid	PASS
B	Consumer Product Safety Commission 16 CFR Ch.II Part 1303–Ban of Lead in paint and similar surface coating -Total Lead Content in paint and similar surface coating	N/A
C	15 U.S.C§1278a(a) and US Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(f)(1) -Total Lead Content in paint and similar surface coating	N/A
D	15 U.S.C§1278a(a) and US Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2) -Total Lead Content in Substrate	PASS
E	Consumer Product Safety Improvement Act (CPSIA) of 2008 Section 108(a) & (b) (3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Childcare Articles Containing Specified phthalates - Phthalates Content	PASS
F	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety-Mechanical and Physical Tests	PASS
G	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety-Flammability Tests	PASS
H	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety clause 4.3.5.1(1) -Total Lead Content in Paint and Similar Surface coating Materials	N/A
I	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety clause 4.3.5.1(2) - Soluble Heavy Metals Content in Paint and Similar Surface coating Materials	N/A
J	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety clause 4.3.5.2-Total Lead Content in Toy Substrate Materials	PASS
K	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety clause 4.3.5.2-Soluble Heavy Metals Content in Toy Substrate Materials	PASS
L	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety clause 4.3.8 Toys (including pacifiers, rattles, and teethers) for children 12 years of age and younger - Phthalates Content	PASS
M	CPSIA Section 103 Tracking Labels for Children's Products	PASS

Results:

A. As specified in title 16, code of federal regulations, chapter II - consumer products safety commission of U.S.A

Clause	Description	Result
16 CFR 1500.50 16 CFR 1500.51 16 CFR 1500.52 16 CFR 1500.53	Normal use testing	PASS
	Abuse testing	
	Impact test (51b)	PASS
	Bite test (52c)	PASS
	Flexure test	N/A
	Torque test(51e)	PASS
	Tension test(51f)	PASS
	Compression test(51g)	PASS
16 CFR 1501	Identify toys that contain small parts that may cause a child to choke, inhale or swallow.	PASS
16 CFR 1500.48	Technical requirements for determining a sharp point in toys and other articles intended for use by children 8 years of age.	PASS
16 CFR 1500.49	Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children 8 years of age.	PASS
16 CFR 1500.44	Flammability test on solid	PASS

B. Consumer Product Safety Commission 16 CFR Ch.II Part 1303 – Ban of Lead in paint and similar surface coating -Total Lead Content in paint and similar surface coating

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by ICP-OES.

There were no surface coating found in the said submitted sample.

Test Item(s)	Unit	MDL	Result(s)						Limit
			-	-	-	-	-	-	
Lead Content	mg/kg	10	-	-	-	-	-	-	90
Conclusion(s)	-	-	-						-

Remark:

1 mg/kg = 1 ppm = 0.0001%

MDL = Method Detection Limit

ND = Not Detected (< MDL)

"-" = Not Regulated

C. 15 U.S.C § 1278a(a) and US Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(f)(1) -Total Lead Content in paint and similar surface coating

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by ICP-OES.

There were no surface coating found in the said submitted sample.

Test Item(s)	Unit	MDL	Result(s)						Limit
			-	-	-	-	-	-	
Lead Content	mg/kg	10	-	-	-	-	-	-	90
Conclusion(s)	-	-	-						-

Remark:

1 mg/kg = 1 ppm = 0.0001%

MDL = Method Detection Limit

ND = Not Detected (< MDL)

"-" = Not Regulated

D. 15 U.S.C § 1278a(a) and US Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2) -Total Lead Content in Substrate

Test Method: With reference to CPSC-CH-E1001-08.3 and / or CPSC-CH-E1002-08.3, analysis was performed by ICP-OES.

Test Item(s)	Unit	MDL	Result(s)				Limit
			1+4+5	2+3+6	-	-	
Lead Content	mg/kg	10	ND	ND	-	-	100
Conclusion(s)	-	-	PASS	PASS	-	-	-

Remark:

1 mg/kg = 1 ppm = 0.0001%

MDL = Method Detection Limit

ND = Not Detected (< MDL)

"-" = Not Regulated

E. US Consumer Product Safety Improvement Act (CPSIA) of 2008 Section 108(a) & (b) (3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Childcare Articles Containing Specified phthalates - Phthalates Content

Test Method: With reference to CPSC-CH-C1001-09.4, analysis was performed by GC-MS.

Test Item(s)	Unit	MDL	Result(s)			Limit
			1+4+5	2+3+6	-	
Dibutyl Phthalate (DBP)	mg/kg	30	ND	ND	-	1000
Benzyl butyl Phthalate (BBP)	mg/kg	30	ND	ND	-	1000
Bis-(2-ethylhexyl)Phthalate(DEHP)	mg/kg	30	ND	ND	-	1000
Dihexyl Phthalate (DNHP)	mg/kg	30	ND	ND	-	1000
Diisononyl Phthalate (DINP)	mg/kg	100	ND	ND	-	1000
Dipentyl Phthalate (DPP)	mg/kg	30	ND	ND	-	1000
Dicycphexyl Phthalate (DCHP)	mg/kg	30	ND	ND	-	1000
Diisobutyl Phthalate (DIBP)	mg/kg	30	ND	ND	-	1000
Conclusion(s)	-	-	PASS	PASS	-	-

Remark:

1 mg/kg = 1 ppm = 0.0001%
MDL = Method Detection Limit
ND = Not Detected (< MDL)
"-" = Not Regulated

F. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety-Mechanical and Physical Tests

Section	Test Item	Result
4	Safety Requirements	
4.1	Material Quality	PASS
4.2	Flammability	PASS
4.3	Toxicology	PASS
4.3.1	Hazardous Substances	N/A
4.3.2	Manufacturing and Packaging of Food	N/A
4.3.3	Indirect Food Additives	N/A
4.3.4	Cosmetics	N/A
4.3.5	Heavy Elements	PASS
4.3.6	Cosmetics, Liquids, Pastes, Putties, Gels, Powders, and Items of Avian Feather Origin	N/A
4.3.7	Stuffing Materials.	N/A
4.3.8	Phthalates	PASS
4.4	Electrical/Thermal Energy	N/A
4.5	Sound-producing Toys	N/A
4.6	Small Objects	PASS
4.6.1	Toys that are intended for children under 36 months of age	PASS
4.6.2	Mouth-Actuated Toys	N/A
4.6.3	Toys and games that are intended for use by children who are at least three years old but less than six years of age	N/A
4.7	Accessible Edges	PASS
4.8	Projections	N/A
4.9	Accessible Points	PASS
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	N/A
4.14	Cords, Straps, and Elastics	N/A
4.15	Stability and Over-Load Requirements	N/A
4.16	Confined Spaces	N/A
4.17	Wheels, Tires and Axles	N/A

Section	Test Item	Result
4.18	Holes, Clearance and Accessibility of Mechanisms	PASS
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery-Operated Toys	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo-Yo Elastic Tether Toys	N/A
4.38	Magnets	PASS
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	N/A
5.	Labeling Requirements	
5.1	Federal Government Requirements	PASS
5.1.2	Tracking label on the product	PASS
	Tracking label on the packaging	PASS
	Name of the manufacture or the name of the private labeler	PASS
	Manufacture location	PASS
	Date of the production of the product	PASS

Section	Test Item	Result
	Permanent remark	PASS
5.2	Age Grading Labeling	PASS
5.3	Safety Labeling Requirements	PASS
5.4	Aquatic Toys	N/A
5.5	Crib and Playpen Toys	N/A
5.6	Mobiles	N/A
5.7	Stroller and Carriage Toys	N/A
5.8	Toys Intended to be Assembled by an Adult	PASS
5.9	Simulated Protective Devices	N/A
5.10	Toys with Functional Sharp Edges or Points	N/A
5.11	Small Objects, Small Balls, Marbles and Balloons	N/A
5.12	Art Materials—Toys and components of toys that fall within the definition of art material as found in 16 CFR 1500.14(b)(8) shall be labeled in accordance with the provisions of that section and Practice D4236.	N/A
5.13	Electric Toys—Refer to 16 CFR 1505.3 for required labeling.	N/A
5.14	Battery-operated Toys	N/A
5.14.1	Battery warning	N/A
5.14.2	Button cell or coin cell battery warning	N/A
5.15	Promotional Materials	N/A
5.16	Magnets	N/A
6.	Instructional Literature	
6.1	Definition and Description	N/A
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4	Toys Intended to be Assembled by an Adult	N/A
6.5	Battery-Operated Toys	N/A
6.6	Battery Powered Ride-on Toys	N/A
6.7	Toys in Contact with Food	N/A
6.8	Toy Chests	N/A
7.	Producer's Markings	
7.1	Producer's Markings	PASS

Section	Test Item	Result
7.2	Battery-Powered Ride-on Toys	N/A
7.3	Toy Chests	N/A
8.	Test Method	
8.5	Normal Use Testing	PASS
8.5.1	Washable Toys	N/A
8.7	Impact Test	PASS
8.8	Torque Test	PASS
8.9	Tension Test	PASS
8.10	Compression Test	PASS
8.11	Tests for Tire Removal and Snap-in Wheel and AxleAssembly Removal	N/A
8.12	Flexure Test	N/A
8.13	Test Methods for Mouth-actuated Toys and Mouth-actuated Projectile Toys	N/A
8.16	Tension Test for Pompoms	N/A

Note:
- N/A =Not Application
- N/C=Not Conducted as per client's request

G. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety-Flammability Tests

Flammability test on Solid

Ref.: ASTM F963-23 Section 4.2

Test Method: With reference to Federal Hazardous Substances Act FHSA 16 CFR 1500.44

Sample	Burn rate (inch/sec.)*	Result
Magnetic Child Safety Lock Kit	DNI	PASS

Note: In accordance with the ASTM F963, the burning rate should not be greater than 0.1 inch per second.
*Burning rate has been rounded to the nearest one tenth of an inch per second.
DNI = Did Not Ignited SE = Self-Extinguished IBE = Ignite But Extinguished

H. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety clause 4.3.5.1(1) -Total Lead Content in Paint and Similar Surface coating Materials

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by ICP-OES.

There were no surface coating found in the said submitted sample.

Test Item(s)	Unit	MDL	Result(s)						Limit
			-	-	-	-	-	-	
Lead Content	mg/kg	10	-	-	-	-	-	-	90
Conclusion	-	-	-						-

Remark:

1 mg/kg = 1 ppm = 0.0001%

MDL = Method Detection Limit

ND = Not Detected (< MDL)

"-" = Not Regulated

I. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety clause 4.3.5.1(2) - Soluble Heavy Metals Content in Paint and Similar Surface coating Materials

Test Method: With reference to ASTM F963-23 Clause 8.3, analysis was performed by ICP-OES.

There were no surface coating found in the said submitted sample.

Test Item(s)	Unit	MDL	Result(s)						Limit
			-	-	-	-	-	-	
Mass of trace amount	mg	-	-	-	-	-	-	-	
Soluble Antimony (Sb)	mg/kg	5	-	-	-	-	-	-	60
Soluble Arsenic (As)	mg/kg	2.5	-	-	-	-	-	-	25
Soluble Barium (Ba)	mg/kg	10	-	-	-	-	-	-	1000
Soluble Cadmium (Cd)	mg/kg	5	-	-	-	-	-	-	75
Soluble Chromium (Cr)	mg/kg	5	-	-	-	-	-	-	60
Soluble Lead (Pb)	mg/kg	5	-	-	-	-	-	-	90
Soluble Mercury (Hg)	mg/kg	5	-	-	-	-	-	-	60
Soluble Selenium (Se)	mg/kg	10	-	-	-	-	-	-	500
Conclusion	-	-	-						-

Remark:

1 mg/kg = 1 ppm = 0.0001%
MDL = Method Detection Limit
ND = Not Detected (< MDL)
NA = Not Applicable
"-" = Not Regulated

J. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety clause 4.3.5.2 -Total Lead Content in Toy Substrate Materials

Test Method: With reference to CPSC-CH-E1001-08.3 and / or CPSC-CH-E1002-08.3, analysis was performed by ICP-OES.

Test Item(s)	Unit	MDL	Result(s)				Limit
			1+4+5	2+3+6	-	-	
Lead Content (Pb)	mg/kg	10	ND	ND	-	-	100
Conclusion(s)	-	-	PASS	PASS	-	-	-

Remark:

1 mg/kg = 1 ppm = 0.0001%
MDL = Method Detection Limit
ND = Not Detected (< MDL)
"-" = Not Regulated

K. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety clause 4.3.5.2- Soluble Heavy Metals Content in Toy Substrate Materials

Test Method: With reference to ASTM F963-23 Clause 8.3, analysis was performed by ICP-OES.

Test Item(s)	Unit	MDL	Result(s)						Limit
			1	2	3	4	5	6	
Mass of trace amount	mg	-	-	-	-	-	-	-	
Soluble Antimony (Sb)	mg/kg	5	ND	ND	ND	ND	ND	ND	60
Soluble Arsenic (As)	mg/kg	2.5	ND	ND	ND	ND	ND	ND	25
Soluble Barium (Ba)	mg/kg	10	ND	ND	ND	ND	ND	ND	1000
Soluble Cadmium (Cd)	mg/kg	5	ND	ND	ND	ND	ND	ND	75
Soluble Chromium (Cr)	mg/kg	5	ND	ND	ND	ND	ND	ND	60
Soluble Lead (Pb)	mg/kg	5	ND	ND	ND	ND	ND	ND	90
Soluble Mercury (Hg)	mg/kg	5	ND	ND	ND	ND	ND	ND	60
Soluble Selenium (Se)	mg/kg	10	ND	ND	ND	ND	ND	ND	500
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS	-

Remark:

1 mg/kg = 1 ppm = 0.0001%
MDL = Method Detection Limit
ND = Not Detected (< MDL)
"-" = Not Regulated
NA = Not Applicable

L. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety clause 4.3.8 Toys (including pacifiers, rattles, and teethers) for children 12 years of age and younger - Phthalates Content

Test Method: With reference to CPSC-CH-C1001-09.4, analysis was performed by GC-MS.

Test Item(s)	Unit	MDL	Result(s)			Limit
			1+4+5	2+3+6	-	
Dibutyl Phthalate (DBP)	mg/kg	30	ND	ND	-	1000
Benzyl butyl Phthalate (BBP)	mg/kg	30	ND	ND	-	1000
Bis-(2-ethylhexyl)Phthalate(DEHP)	mg/kg	30	ND	ND	-	1000
Dihexyl Phthalate (DNHP)	mg/kg	30	ND	ND	-	1000
Diisononyl Phthalate (DINP)	mg/kg	100	ND	ND	-	1000
Dipentyl Phthalate (DPP)	mg/kg	30	ND	ND	-	1000
Dicycphexyl Phthalate (DCHP)	mg/kg	30	ND	ND	-	1000
Diisobutyl Phthalate (DIBP)	mg/kg	30	ND	ND	-	1000
Conclusion(s)	-	-	PASS	PASS	-	-

Remark:

1 mg/kg = 1 ppm = 0.0001%
MDL = Method Detection Limit
ND = Not Detected (< MDL)
"-" = Not Regulated

M. CPSIA Section 103 - Tracking Labels for Children’ s Products

Description	Result
a) Is the product intended for children under 12 years? If no, the section is not applicable.	Yes
b) Is the product under the exemption of marking on children’s product?	Yes
1.Product is too small to be marked.	Yes
2.Products stay with or be contained in their original packaging.	Not
3.Product is sold through a bulk vending machine.	Not
4.Physical mark would weaken or damage the product or impair its utility.	Not
5.Product surface would be impossible to mark permanently.	Not
6.Aesthetics of the product would be ruined by a mark.	Not
c) Is the product and packaging or only packaging (for product exempted from the marking) marked below information?	PASS
Name of the manufacturer or the name of the private labeler.	Yes
Manufacturer or private labeler location, including the name of the country, and the name or other means of coding of city and state.	Yes
3) Date of production of the product, in a form of MM/YY or any other coding system.	Yes
4) Cohort information (including the batch, run number, or another identifying characteristic).	Yes
d) Is the label permanent after below permanency testing?	PASS

Specimen Description:

Part No.	Description
1	Multi-color stickers
2	White plastic
3	White semi-transparent plastic
4	White paper
5	Red paper
6	Double faced adhesive tape

Photograph of Sample

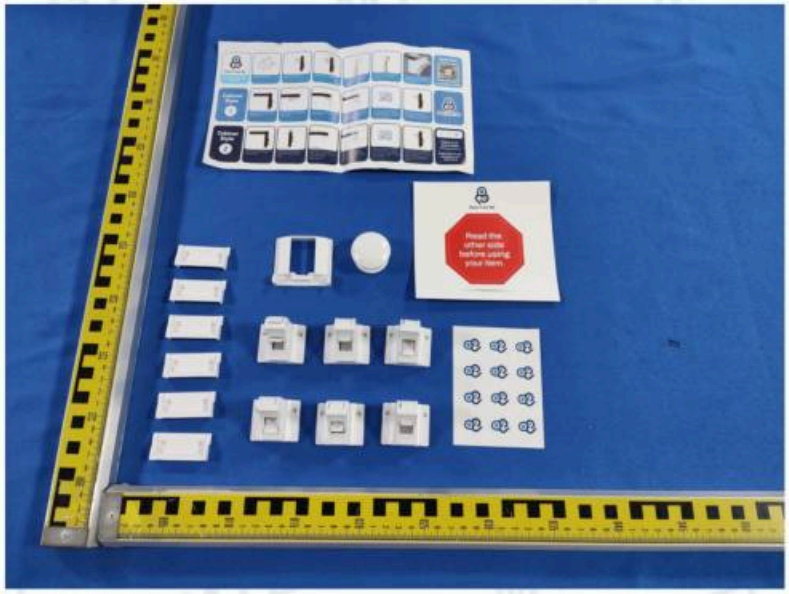

FIGURE 1

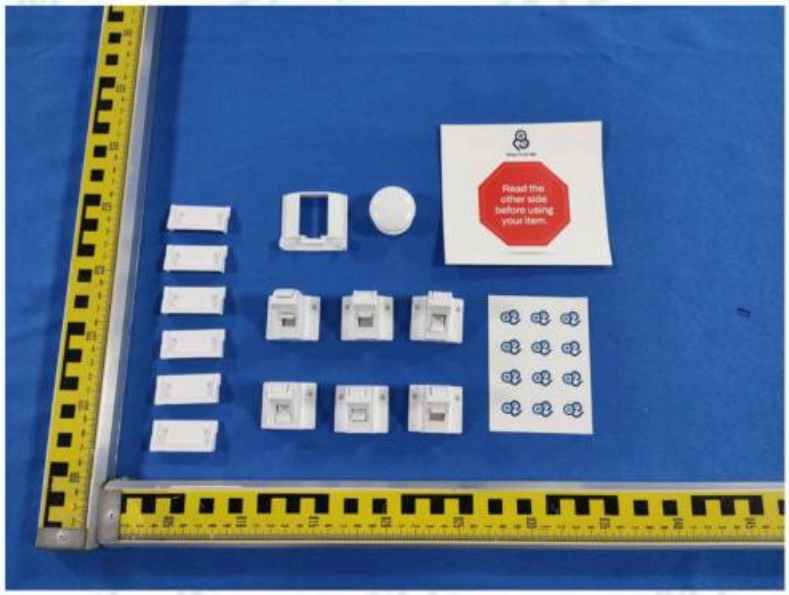

FIGURE 2



FIGURE 3



FIGURE 4

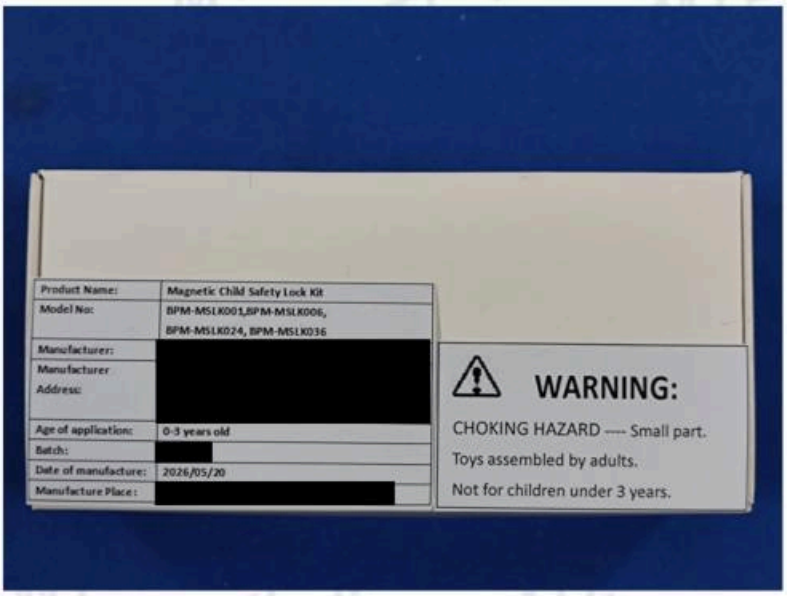

FIGURE 5

MTL authenticate the photo on original report only

*****End of Report*****

Statement

1. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which MTL hasn't verified.
2. Unless otherwise stated,the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in LAC-G8.09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.The statement of conformity is based on the test results, but does not include the measurement uncertainty.
3. The test report is effective only with both signature and specialized stamp. Without written approval of MTL, this report can’t be reproduced in full or in part.
4. This test data is only responsible for the tested sample. The data and results provided by the report without CMA accreditation are not to prove to the society, and MTL is not responsible for any economic and legal responsibility for the use of the test data, the direct or indirect losses resulting from the use of the test and all legal consequences.
5. The test items are marked with special symbols * in the report is out of the scope of CNAS accreditation. The test result only used for client's requirement, scientific researching ,teaching or internal quality contr ol.
6. If there is any objection to the report, client shall lodge a complaint with the company on the 30 working days from the date of receipt of the report. No late application will be accepted.