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Hong Kong Government Recognized Service Supplier  
Approved Laboratory of The Woolmark Company

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American Society for Testing and Materials  
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited  
Hong Kong Toys Council

**Test Report**

Number: HKGH01772330

Applicant: PALPLAY LIMITED  
6 HATASIA ST P O B 591  
GABRIEL INDUSTRIAL ZONE  
2310501 MIGDAL HAEMEK  
ISRAEL

Date: Mar 30, 2015

Attn: MS ATSMONA GALEEN

Submitted sample said to be :  
Item Name : **Trolley**  
Reference No. : **300-0569**  
Quantity : Two pieces  
Labelled Age Group : Not specified  
Age Grading for Testing : +2 years  
Packaging Provided : No  
Additional Material and Wet Paint Provided : No  
Manufacturer : Palplay Ltd  
Country of Origin : Israel



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To be continued

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

Angel Y.F. Cheung  
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) ASTM F963-11 - Physical and mechanical tests	Pass
(2) ASTM F963-11 - Flammability test of materials other than textile materials	Pass
(3) Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 - Tracking labels for children products	Pass
(4) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 - Mechanical and Physical test	Pass
(5) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 21 - Celluloid or Cellulose Nitrate	Pass
(6) EN71-1 : 2011 + A3 : 2014 - Mechanical and physical properties excluding labelling requirement of clause 7.1	Pass
(7) EN71-2 : 2011 + A1:2014 - Flammability test	Pass
(8) AS/NZS ISO 8124-1:2013 - Mechanical and physical tests	Pass
(9) Australian Trade Practice Act 1974 with Consumer Protection Notice no. 14 of 2003 Consumer Product Safety Standard for toys for children up to and including 36 months of age	Pass
(10) Australian / New Zealand Standard AS/NZS ISO 8124-2:2009 - Flammability test	Pass

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

Angel Y.F. Cheung  
Vice President



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Tests Conducted

(1) Physical and Mechanical Tests

Test Standard : ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

Age group for testing : For ages over 2 years

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 : -		
<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Drop test	Section 1500.53(b)	4 x 3.0 ft
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Compression test	Section 1500.53(g)	30 lbf

Section	Testing items	Assessment
4.1	Material quality (visual check on cleanliness)	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	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	Projections	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	NA
4.12	Packaging film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps and elastics	NA
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	NA
4.17	Wheels, tires and axles	P
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	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA





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Section	Testing items	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	Hemispheric-shaped objects	NA
4.37	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
5	Labelling requirement	P
6	Instructional literature	P
7	Producer's markings - name of producer/distributor (toy) - address (toy)	Yes Yes

Remark : 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 : Mar 25, 2015

Testing period : Mar 25, 2015 to Mar 27, 2015

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Tests Conducted

(2) Flammability Test

Test Standard : Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

Result : Did not ignite

Date sample received : Mar 25, 2015  
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(3) Tracking Label Assessment

Test Standard : Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 tracking labels for children products.

Tracking label found on the body of the product:

LOT. : 12W14  
PalPlay

Note : The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

Date sample received : Mar 25, 2015  
Testing period : Mar 25, 2015 to Mar 27, 2015

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**Test Report**

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Tests Conducted

(4) Physical and Mechanical Test

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

Age group for testing : For ages over 2 years

The submitted samples were undergone the use and abuse tests in accordance with the Canada Consumer Product Safety Act Toys Regulations(SOR/2011-17):	
<u>Test</u>	<u>Parameter</u>
Drop test	4 x 3.0 ft
Pull test	10 lbf
Push test	10 lbf

No.	Testing Items	Assessment
3	General - English and French bilingual statement	NA
4	Packaging	NA
	Electrical hazard	
5	Electrically operated toys	NA
6	Electrically heated toys	NA
	Mechanical hazard	
7	Small parts	P
8	Metal edges	NA
9	Wire frames	NA
10	Plastic edges	P
11	Wooden surfaces, edges and corners	NA
12	Glass	NA
13	Fasteners	NA
14	Folding mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	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
	Auditory hazards	
19	Noise limit	NA
	Thermal hazards	
20	Heated surfaces, parts or substances	NA
	Dolls, plush toys and soft toys	
28	Fastenings to attach parts, clothing or ornamentation	NA
29	Stuffing materials	
	(a) Clean and free from vermin	NA
	(b) Free from hard and sharp foreign matter	NA
30	Small parts -Squeaker, reed, valve or other similar device	NA





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No.	Testing Items	Assessment
31	Eyes and noses	NA
	Plant seeds	
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing material	NA
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	Elastics	NA
42	Yo-yo type balls	
	(a) Stretchable cords	NA
	(b) Similar product	NA
43	Batteries	NA

Remark : P = Pass NA = Not applicable

Date sample received : Mar 25, 2015

Testing period : Mar 25, 2015 to Mar 27, 2015

(5) Cellulose Nitrate and Celluloid

Test Standard : Canada Consumer Product Safety Act Toys Regulation SOR 2011-17 Section 21.

Cellulose Nitrate/Celluloid	<u>Assessment</u> Absent	<u>Requirement</u> Absent
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Tests Conducted

(6) Mechanical and Physical Test

Test standard: European Standard on Safety of toys EN71-1 : 2011 + A3 : 2014

Age group for testing : For ages over 2 years

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 )
8.5	Drop test ( 850 mm x 5 )
8.7	Impact test (1 kg)
8.8	Compression test ( 110 N )

Clause	Testing items	Assessment
4	General requirements	
4.1	Material	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 in the 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
5	Toys intended for children under 36 months	
5.1	General requirements for children under 36 months	NA







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Clause	Testing items	Assessment
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	
7.1	General	#
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, inlineskates and skateboards and certain other ride-on toys	NA
7.11	Toys intended to be attached to 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

Remark : P = Pass

NA = Not Applicable

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Note: 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.

# = No packaging was submitted for testing. Hence, clause 7.1 General requirement for Warnings, markings and instructions for use was not assessed.

Remark :

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:

1. 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 all the above markings were present.

2. 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 not found on the submitted samples.

Date sample received : Mar 25, 2015  
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(7) Flammability Test

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

Clause	Testing items	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	NA

Remark : P = Pass                      NA= Not applicable

Date sample received : Mar 25, 2015  
Testing period : Mar 25, 2015 to Mar 27, 2015

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**Test Report**

Number: HKGH01772330

Tests Conducted

(8) Physical And Mechanical Tests

Test Standard : Australian / New Zealand Standard AS/NZS ISO 8124-1:2013 Safety aspects related to mechanical and physical properties.

Age group for testing : For ages over 2 years

The submitted samples were undergone the normal use and the following reasonable foreseeable abuse tests in accordance with the clause 5.24 of AS/NZS ISO 8124-1 : 2013 before the assessment of the relevant requirement in clause 4 :

Clause	Test	Parameter
5.24.2	Drop test	4x93±5cm
5.24.5	Torque test	0.45±0.02Nm
5.24.6	Tension test	70±2N
5.24.7	Compression test	136±2N

Section	Testing items	Assessment
4.1	Normal use	P
4.2	Reasonably foreseeable abuse	P
4.3	Material	P
4.4.1	Small parts	P
4.4.2	Small part warning	NA
4.5	Shape, size and strength of certain toys	NA
4.6	Edges	P
4.7	Points	P
4.8	Projections	NA
4.9	Metal wires and rods	NA
4.10	Plastic film or plastic bags in packaging and in toys	NA
4.11	Cords and elastic	NA
4.12	Folding mechanisms	NA
4.13	Holes, clearances and accessibility of mechanisms	NA
4.14	Springs	NA
4.15	Stability and overload requirement	NA
4.16	Enclosures	NA
4.17	Simulated protective equipment, such as helmets, hats and goggles	NA
4.18	Projectile toys	NA
4.19	Aquatic toys	NA
4.20	Braking	NA
4.21	Toy bicycles	NA
4.22	Speed limitation of electrically driven ride-on toys	NA
4.23	Toys containing a heat source	NA
4.24	Liquid-filled toys	NA





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Section	Testing items	Assessment
4.25	Mouth-actuated toys	NA
4.26	Toy roller skates, toy inline skates and toy skateboards	NA
4.27	Percussion caps	NA
4.28	Acoustic requirements	NA
4.29	Toy scooters	NA
4.30	Magnets and magnetic components	NA
Annex B	Safety labeling guidelines and manufacturer's markings	#
Annex D	Toy gun marking	NA

Remark : P = Pass

NA = Not applicable

# = The attention of the applicant was drawn to the need for the item to be marked with the (name and address) of the manufacturer or the distributor, or with a trademark and/or mark which clearly identifies the manufacturer/distributor on the principal component of the toy, the packaging, the label or leaflet accompanying the toy.

Date sample received : Mar 25, 2015

Testing period : Mar 25, 2015 to Mar 27, 2015

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**Test Report**

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Tests Conducted

- (9) Physical and mechanical tests for toys for children up to and including 36 months of age

Test Standard : Australian Trade Practice Act 1974 Section 65c Consumer Product Safety Standard for Toys for children up to and including 36 months of age.

Age group for testing : For age over 2 years

The submitted samples were undergone the normal use and the following reasonable foreseeable abuse tests in accordance with the Clause 5.24 OF AS/NZS ISO 8124.1 : 2002 before the assessment of the relevant requirement in Clause 4 and Annex A :

<u>Clause</u>	<u>Test</u>	<u>Parameter</u>
5.24.2	Drop test	4x93±5cm
5.24.5	Torque test	0.45±0.02Nm
5.24.6	Tension test	70±2N
5.24.7	Compression test	114±2N

Section	Testing Items	Assessment
4.1	Normal use	P
4.2	Reasonably foreseeable abuse	P
4.4	Small parts	P
4.5	Shape, size and strength of certain toys	NA
4.25	Mouth-actuated toys	NA
Annex A.2.3	Battery-operated toy	NA

Remark : P = Pass NA = Not applicable

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Tests Conducted

(10) Flammability Test

Test Standard : Australian / New Zealand Standard AS/NZS ISO 8124-2:2009.

Clause	Testing Items	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 a play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-Filled Toys (animals and dolls, etc.) with a piled or textile surface	NA

Remark : P = Pass NA = Not applicable

Additional Information : Butane gas was used in the test burner.

Date sample received : Mar 25, 2015

Testing period : Mar 25, 2015 to Mar 27, 2015

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End of report

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