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Approved Laboratory of The Woolmark Company

Members of :  
American National Standards Institute  
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Hong Kong Association for Testing, Inspection and Certification Limited  
Hong Kong Toys Council

**Test Report**

Number: HKGH0193838602 S2

Applicant: HALILIT EXPORT [1974] LTD  
17 HAMIPAL ST  
OR-YEHUDA 60200  
ISRAEL

Date: Apr 11, 2016

Attn: EREZ FIEGANBOIM/MOSHE ZUR

*This is to supersede Report No.  
HKGH0193838602 S2 dated Apr 11,  
2016*

Submitted sample said to be  
Item Name /Item no.

- :
- : **RP6600 - RHYTHM PALS (set of 4 rattles)**
- : **RP6601 - RHYTHM BELLS**
- : **RP6602 - RHYTHM RINGS**
- : **RP6603 - RHYTHM ROLLER**
- : **RP6604 - RHYTHM CYMBALS**

Quantity : 24 pieces  
 Labelled Age Group : "6m+"  
 Packaging Provided : Yes (artwork)  
 Country of Origin : China+Israel

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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) EN71-1: 2014 - Mechanical and Physical Properties	Pass
(2) EN71-1 : 2014, clauses 4.20 for Acoustics	Pass
(3) EN71-2 : 2011 + A1 : 2014 - Flammability Test	Pass
(4) EN71-3 : 2013 + A1:2014 - Migration of certain elements	Pass
(5) REACH Regulation (EC) No.1907/2006 , Annex XVII Item 23 & amendment No. 2016/217 - Cadmium content requirement	Pass
(6) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52 & amendment no. 552/2009 - Phthalates content	Pass
(7) EU Commission Directive 2014/79/EU amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys - TCEP, TCPD and TDCP content	Pass
(8) EU Commission Directive 2014/81/EU amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys - Bisphenol A migration content	Not Applicable

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(1) Physical and Mechanical Tests

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

Age group for testing : Ages over 6 months

Clause	Testing Items
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	Requirement	Assessment
4	General requirements	
4.1	Material cleanliness	P
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding Materials	NA
4.7	Edges	P
4.8	Points and Metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put into mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	P
4.21	Toys containing non -electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
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	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





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Clause	Requirement	Assessment
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	P
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	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
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

Abbreviation : P = Pass NA = Not Applicable

The submitted samples were undergone the abuse tests for Clause 5.1 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:

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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	Absent	Present
Manufacturer's address	Absent	Present
Importer's name	Absent	Present
Importer's address	Absent	Present
Product identification code	Absent	Present
CE-marking	Present	Present

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, provide instructions on how the toy has to be cleaned.

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

Date sample received : Mar 30, 2016

Test Period : Mar 30, 2016 to Apr 21, 2016

(2) Sound Producing Toys Tests

Test Standard : European Standard on Safety of Toys EN71-1 : 2014, clauses 4.20 for Acoustics

Age group for testing : Ages over 6 months

Clause	Requirement	Assessment
4.20	Acoustics	P
4.20.a	4.20.2.2 Close-to-the-ear toys	NA
4.20.b	4.20.2.3 Table-top or floor toys	NA
4.20.c	4.20.2.4 Hand-held toys	NA
4.20.d	4.20.2.5 Toy using headphone or earphones - Category 1	NA
4.20.e	4.20.2.6 Rattles - Category 2	P
4.20.f	4.20.2.7 Squeeze toys - Category 2	NA
4.20.g	4.20.2.8 Pull-along or push toys	NA
4.20.h	4.20.2.9 Percussion toys - Category 2	NA
4.20.i	4.20.2.10 Wind toys	NA
4.20.j	4.20.2.11 Cap-firing toys - Category 3	NA
4.20.k	4.20.2.12 Voice toys	NA

Abbreviation : P = Pass NA = Not Applicable

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Measured data:

Tested component	A-weighted time-averaged emission sound pressure level (Aeq)	Limit (dB)
Metal Bell	77.7	85
Plastic Disc	81.9	85
Metal Disc in Plastic Compartment	73.8	85
Balls inside Transparent Drum	78.0	85

Tested component	C-weighted emission peak sound pressure level (Cpk)	Limit (dB)
Metal Bell	104.7	110
Plastic Disc	107.9	110
Metal Disc in Plastic Compartment	105.9	110
Balls inside Transparent Drum	102.3	110

Date sample received : Mar 30, 2016  
Test Period : Mar 30, 2016 to Apr 07, 2016

(3) Flammability Test

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	NA

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Mar 30, 2016  
Test Period : Mar 30, 2016 to Apr 07, 2016

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(4) 19 Toxic Element Migration Test

Test Standard : EN71-3:2013 + A1:2014

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) ++	<0.1	<0.1	<0.1	0.2
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	160
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

	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) ++	<0.1	<0.1	<0.1	0.2
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	160
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<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)	
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) ++	<0.1	<0.1	0.2
Soluble Cobalt (Co)	<10	<10	130
Soluble Copper (Cu)	<10	<10	7700
Soluble Lead (Pb)	<10	<10	160
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)	<10	<10	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.

Tested Components:

- (1) Blue plastic (blue musical instruments).
- (2) Yellow plastic (red, blue musical instruments).
- (3) Red plastic (red musical instruments).
- (4) Light green plastic (red musical instruments).
- (5) Orange plastic (plate of musical instruments).
- (6) Transparent plastic (roller of musical instruments).
- (7) Shiny dark yellow plastic (roller of red musical instruments).
- (8) Shiny light green plastic (roller of blue musical instruments).

Date sample received : Mar 30, 2016

Test Period : Mar 30, 2016 to Apr 07, 2016

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(5) 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
(1/2/3)	ND	0.01
(4/5/6)	ND	0.01
(7/8)	ND	0.01
(9/10)	ND	0.01
(11/12)	ND	0.01

ND : Not detected (< 0.0005%)

Tested Components:

- (1) Blue plastic (blue musical instruments).
- (2) Yellow plastic (red, blue musical instruments).
- (3) Red plastic (red musical instruments).
- (4) Light green plastic (red musical instruments).
- (5) Orange plastic (plate of musical instruments).
- (6) Transparent plastic (roller of musical instruments).
- (7) Shiny dark yellow plastic (roller of red musical instruments).
- (8) Shiny light green plastic (roller of blue musical instruments).
- (9) Shiny green plastic (bead of musical instruments) (internal).
- (10) Shiny orange plastic (bead of musical instruments) (internal).
- (11) Shiny yellow plastic (bead of musical instruments) (internal).
- (12) Shiny blue plastic (bead of musical instruments) (internal).

Date sample received : Mar 30, 2016

Test Period : Mar 30, 2016 to Apr 07, 2016

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**Test Report**

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(6) Phthalate Content Test

Test Method : EN14372, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Six Phthalate content:

Compounds	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	--
Sum of DBP,DEHP & BBP	<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

Three Phthalate content:

Compounds	Result (%, w/w)		Limit (%, w/w)
	(9/10)	(11/12)	
Dibutyl phthalate (DBP)	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	--
Sum of DBP,DEHP & BBP	<0.01	<0.01	0.1

The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 for phthalate content in toys and childcare articles.

Tested Components:

- (1) Blue plastic (blue musical instruments).
- (2) Yellow plastic (red, blue musical instruments).
- (3) Red plastic (red musical instruments).
- (4) Light green plastic (red musical instruments).
- (5) Orange plastic (plate of musical instruments).
- (6) Transparent plastic (roller of musical instruments).
- (7) Shiny dark yellow plastic (roller of red musical instruments).
- (8) Shiny light green plastic (roller of blue musical instruments).
- (9) Shiny green plastic (bead of musical instruments) (internal).
- (10) Shiny orange plastic (bead of musical instruments) (internal).
- (11) Shiny yellow plastic (bead of musical instruments) (internal).
- (12) Shiny blue plastic (bead of musical instruments) (internal).

Date sample received : Mar 30, 2016

Test Period : Mar 30, 2016 to Apr 08, 2016

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(7) Flame retardants (TCEP, TCPP, TDCP) Content

Test method: By solvent extraction and determined by Gas Chromatographic - Mass Spectrometry (GC/MS).

Compound	Result in mg/kg			Limit in mg/kg
	(1/2/3)	(4/5/6)	(7/8)	
Tris(2-chloroethyl) phosphate (TCEP)	< 1	< 1	< 1	5
Tris(1-chloro-2-propyl) phosphate (TCPP)	< 1	< 1	< 1	5
Tris(2-chloro-1-(chloromethyl)ethyl) phosphate (TDCP)	< 1	< 1	< 1	5

Remark : mg/kg = milligram per kilogram

The above limit was quoted according to EU Commission Directive 2014/79/EU amending Appendix C of Annex II to Directive 2009/48/EC of the European Parliament and of the Council on the safety of toys, as regards TCEP, TCPP and TDCP

Tested components :

- (1) Blue plastic (blue musical instruments).
- (2) Yellow plastic (red, blue musical instruments).
- (3) Red plastic (red musical instruments).
- (4) Light green plastic (red musical instruments).
- (5) Orange plastic (plate of musical instruments).
- (6) Transparent plastic (roller of musical instruments).
- (7) Shiny dark yellow plastic (roller of red musical instruments).
- (8) Shiny light green plastic (roller of blue musical instruments).

Date sample received : Mar 30, 2016  
Testing period : Mar 30, 2016 to Apr 08, 2016

(8) Bisphenol A (BPA) Migration Content

Test Standard : EN71 Part 10 and 11 : 2005.

The above limit was quoted according to EU Commission Directive 2014/81/EU amending Appendix C of Annex II to Directive 2009/48/EC of the European Parliament and of the Council on the safety of toys, as regards Bisphenol A

Assessment : Not Applicable

Date sample received : Mar 30, 2016  
Testing period : Mar 30, 2016 to Apr 08, 2016

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End of report

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To:	HALILIT EXPORT [1974] LTD	Ref:	FC-2016-3575
Attention:	EREZ FIEGANBOIM/MOSHE ZUR	Date:	Apr 22, 2016

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Re : Report Revision Notification

Intertek Testing Services Report Number HKGH01938386 S1 Dated Apr 11, 2016

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services report, HKGH01938386 S2

Thank you for your attention.

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

Angel Y.F. Cheung  
Vice President

**Intertek Testing Services Hong Kong Ltd.**

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