

Test Report

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Date: 2018-2-1

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Application ID : JA0014087(9)
Applicant : MERRYMAKERS, INC.
3540 Grand Avenue, Suite 200, Oakland, CA 94610, U.S.A

Sample : One (1) group of submitted sample(s) stated to be:
Sample Description : WHISTLE FOR WILLIE DOLL 16.5"
SKU No. : 1713
Supplier : Wai Hong Ying Toys Company Limited
Buyer : MERRYMAKERS, INC.
Country of Destination : USA & CANADA
Labeled Age Grade : Not specified
Age Grade for testing : All ages

Date of Receiving : 2018-1-29
Testing Period : 2018-1-29 to 2018-2-1

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

SIGN FOR AND ON BEHALF OF
UNITEC LABORATORY SERVICES (DONGGUAN) LTD.



SIMON CHAN
EXECUTIVE DIRECTOR



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TEST REQUEST		RESULT
A)	AS REQUESTED BY THE APPLICANT, TO PERFORM MECHANICAL AND PHYSICAL PROPERTIES TEST(S) OF SUBMITTED SAMPLE(S) IN ACCORDANCE WITH ASTM F963-17.	PASS
B)	AS REQUESTED BY THE APPLICANT, TO PERFORM FLAMMABILITY TEST(S) OF SUBMITTED SAMPLE(S) IN ACCORDANCE WITH ASTM F963-17.	PASS
C)	AS REQUESTED BY THE APPLICANT, TO PERFORM TRACKING LABEL EVALUATION OF SUBMITTED SAMPLE(S) IN ACCORDANCE WITH U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008, SECTION 103.	REFER TO NEXT PAGES
D)	AS REQUESTED BY THE APPLICANT, TO DETERMINE SOLUBLE HEAVY ELEMENTS CONTENT IN THE SUBSTRATE OF SUBMITTED SAMPLE(S) IN ACCORDANCE WITH ASTM F963-17.	PASS
E)	AS REQUESTED BY THE APPLICANT, TO DETERMINE SOLUBLE HEAVY ELEMENTS CONTENT IN PAINT / SIMILAR SURFACE COATING OF SUBMITTED SAMPLE(S) IN ACCORDANCE WITH ASTM F963-17.	NOT APPLICABLE
F)	AS REQUESTED BY THE APPLICANT, TO DETERMINE TOTAL LEAD CONTENT IN SUBSTRATE OF THE SUBMITTED SAMPLE(S) IN ACCORDANCE WITH U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008, SECTION 101 AND ASTM F963-17.	PASS
G)	AS REQUESTED BY THE APPLICANT, TO DETERMINE TOTAL LEAD CONTENT IN PAINT / SIMILAR SURFACE COATING OF THE SUBMITTED SAMPLE(S) IN ACCORDANCE WITH U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008, SECTION 101, ASTM F963-17 AND U.S. CFR TITLE 16 (CPSC REGULATIONS) PART 1303.	NOT APPLICABLE
H)	AS REQUESTED BY THE APPLICANT, TO PERFORM MECHANICAL AND PHYSICAL PROPERTIES TEST(S) OF SUBMITTED SAMPLE(S) IN ACCORDANCE WITH CANADA CONSUMER PRODUCT SAFETY ACT, TOYS REGULATIONS SOR/2011-17.	PASS
I)	AS REQUESTED BY THE APPLICANT, TO PERFORM FLAMMABILITY TEST(S) OF SUBMITTED SAMPLE(S) IN ACCORDANCE WITH CANADA CONSUMER PRODUCT SAFETY ACT, TOYS REGULATIONS SOR/2011-17.	PASS
J)	AS REQUESTED BY THE APPLICANT, TO DETERMINE TOTAL LEAD CONTENT OF SUBMITTED SAMPLE(S) IN ACCORDANCE WITH CANADA CONSUMER PRODUCT SAFETY ACT, CONSUMER PRODUCTS CONTAINING LEAD (CONTACT WITH MOUTH) REGULATIONS SOR/2010-273.	PASS
K)	AS REQUESTED BY THE APPLICANT, TO DETERMINE MERCURY CONTENT OF SUBMITTED SAMPLE(S) IN ACCORDANCE WITH CANADIAN ENVIRONMENTAL PROTECTION ACT, PRODUCTS CONTAINING MERCURY REGULATIONS SOR/2014-254.	PASS



Test Results:
A) ASTM F963 – 17 Mechanical and Physical Test

As per ASTM F963-17, Standard Consumer Safety Specification for Toy Safety.

 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*¹:

Test Item(s)	FHSA	Parameter
Impact	Section 1500.51(b)	10 drops×4.5 ft
Torque	Section 1500.53(e)	4 in-lbf, 10 sec
Tension	Section 1500.53(f)	15 lbf, 10 sec
Compression	Section 1500.53(g)	30 lbf, 10 sec

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	General Requirements	Pass
4.1	Material Quality	Pass
4.3.7	Stuffing Materials	Pass
4.6	Small Objects	Pass
4.6.1	Toys that are Intended for Children Under 36 Months of Age	Pass
4.7	Accessible Edges	Pass
4.9	Accessible Points	Pass
4.12	Plastic Film	Pass
4.27	Stuffed and Beanbag-Type Toys	Pass
5	Safety Labeling Requirements	Pass
6	Instructional Literature	Pass
7	Producer's Markings	
	- Name of Producer / Distributor (Toy)	Yes
	- Address	Yes

Note: 1. *¹ = The submitted samples were undergone the tests in accordance with section 8.5 through section 8.18 and 8.20 through 8.25 on normal use, abuse and specific tests for different types of toys whichever is applicable.

2. Only applicable clauses were shown.



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B) ASTM F963 – 17 Flammability Test of Toys

As per clause 4.2 of ASTM F963-17, Standard Consumer Safety Specification for Toy Safety.

Solids and Soft Toys Flammability Testing:

Sample Name	Burning Rate (inch/sec.)	Limit (inch/sec.)
WHISTLE FOR WILLIE DOLL 16.5"	0.05	0.10

Note: The submitted sample and its accessories were tested, the above result only showed the most severe burning rate of the sample.

C) CPSIA - Tracking Label Evaluation

As per U.S. Consumer Product Safety Improvement Act of 2008(CPSIA), Section 103.

Basic Information	Observation Result	Location		
Manufacturer Name	Present	<input checked="" type="checkbox"/> Packaging	<input checked="" type="checkbox"/> Product	<input type="checkbox"/> Missed
Production Location	Missed	<input type="checkbox"/> Packaging	<input type="checkbox"/> Product	<input checked="" type="checkbox"/> Missed
Production Date	Missed	<input type="checkbox"/> Packaging	<input type="checkbox"/> Product	<input checked="" type="checkbox"/> Missed
Cohort Information	Present	<input type="checkbox"/> Packaging	<input checked="" type="checkbox"/> Product	<input type="checkbox"/> Missed

D) ASTM F963 – 17 Soluble Heavy Elements in Accessible Substrate Materials

With reference to ASTM F963-17 Clause 8.3.

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item	Cd	Pb	Hg	Cr	As	Sb	Se	Ba	—
Method Detection Limit (mg/kg)	5	5	2	5	2	2	5	5	—
Permissible Limit (mg/kg)	75	90	60	60	25	60	500	1000	—
Test Part Description	Result (mg/kg)								Comment
No.1 Black plush with brown/black embroidery (body/head)	ND	ND	ND	ND	ND	ND	ND	ND	Pass
No.2 Brown plush with black thread (mouth/legs)	ND	ND	ND	ND	ND	ND	ND	ND	Pass
No.3 Dark pink fabric (dog collar)	ND	ND	ND	ND	ND	2.8	ND	ND	Pass
No.4 Black fabric (nose/tail)	ND	ND	ND	ND	ND	ND	ND	ND	Pass



- Note:
1. mg/kg = Milligram per kilogram = ppm
 2. ND = Not detected (<Method detection limit)
 3. Results of soluble elements shown are of the adjusted analytical results.

E) ASTM F963 – 17 Soluble Heavy Elements in Paint / Similar Surface Coating

No surface coating was found on the submitted sample, according to ASTM F963-17 Clause 4.3.5.1, therefore no heavy metal content testing has been performed.

F) Total Lead in Accessible Substrate Materials

With reference to CPSC-CH-E1002-08.3, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item		Total Lead (Pb)	---
Method Detection Limit (mg/kg)		2	---
CPSIA Sec 101 / ASTM F963-17 Limit (mg/kg)		100	---
Test Part Description		Result (mg/kg)	Comment
No.1	Black plush with brown/black embroidery (body/head)	ND	Pass
	Brown plush with black thread (mouth/legs)		
No.2	Dark pink fabric (dog collar)	ND	Pass
	Black fabric (nose/tail)		

- Note:
1. mg/kg = Milligram per kilogram = ppm
 2. ND = Not detected (<Method detection limit)

G) Lead Content in Paint / Similar Surface Coating

No surface coating was found on the submitted sample, therefore no lead content testing has been performed.

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H) SOR/2011-17 Mechanical and Physical Test

As per Canada Consumer Product Safety Act, Toys Regulations SOR/2011-17.

The submitted samples were undergone the use and abuse tests in accordance with Canada Consumer Product Safety Act, Toys Regulations SOR/2011-17:

Test Item(s)	Parameter
Drop Test	4 drops, 4.5 ft
Pull Test	10 lbf, 10 sec
Push Test	10 lbf, 10 sec

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Packaging – Flexible film bags	Pass
7	Small parts	Pass
10	Plastic Edges	Pass
29	Stuffing	Pass
30	Small parts	Pass

Note: Only applicable clauses were shown.

I) SOR/2011-17 Flammability Test of Toys

As per Canada Consumer Product Safety Act, Toys Regulations SOR/2011-17 Section 21.

<u>Clause</u>	<u>Description</u>	<u>Result</u>
21	Celluloid or Cellulose Nitrate	Pass
32	Flammability of outer covering	Pass

Note: Only applicable clauses were shown.



J) SOR/2010-273 Total Lead Content

With reference to SOR/2010-273.

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item		Total Lead (Pb)	---
Method Detection Limit (mg/kg)		2	---
Permissible Limit (mg/kg)		90	---
Test Part Description		Result (mg/kg)	Comment
No.1	Black plush with brown/black embroidery (body/head)	ND	Pass
	Brown plush with black thread (mouth/legs)		
No.2	Dark pink fabric (dog collar)	ND	Pass
	Black fabric (nose/tail)		

- Note:
1. mg/kg = Milligram per kilogram = ppm
 2. ND = Not detected (<Method detection limit)

K) SOR/2014-254 Mercury Content

With reference to SOR/2014-254.

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item		Mercury (Hg)	---
Method Detection Limit (mg/kg)		2	---
Permissible Limit (mg/kg)		1000	---
Test Part Description		Result (mg/kg)	Comment
No.1	Black plush with brown/black embroidery (body/head)	ND	Pass
	Brown plush with black thread (mouth/legs)		
No.2	Dark pink fabric (dog collar)	ND	Pass
	Black fabric (nose/tail)		

- Note:
1. mg/kg = Milligram per kilogram = ppm
 2. ND = Not detected (<Method detection limit)

The test result of the report is related to the item being tested only. UTL does not verify or be liable to any declare or declaration if the particular/specific item is not tested.





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Sample Photos:



*** End of Report ***

