

Testing Report

Job No.:/

Report No.: XXX

Date: XX. XX, XXX


Applicant: XXX

XXX

Contact(s): XXX

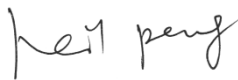
Overall Rating:	
Data	<input type="checkbox"/>
Satisfactory	<input checked="" type="checkbox"/>
Unsatisfactory	<input type="checkbox"/>
Others, See Detail Enclosed	<input type="checkbox"/>

Sample Information

	Client:	XXX
	Supplier:	XXX
	Factory:	XXX
	Item No.:	XXX
	Description:	XXX
	PO No.:	XXX
	Sample Submitted:	4 sets by factory in good condition
	Country of Origin:	China
	Destination:	U.S.A
	Received Date:	XX. XX, XX
	Testing Period:	XX. XX, XX to XX. XX, XX
	Testing Standard:	Selected tests as requested by applicants, details refer to following pages.
	Service Location:	Hangzhou
Remark:	/	

*****To be Continued

Authorized by:
HQTS QA International Services Co., Ltd.



Neil Peng
Supervisor



Testing Report

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Testing Summary of Tested Component on Submitted Sample:

1	ASTM F963-11, Physical & Mechanical	Pass
2	ASTM F963-11, Flammability (Solid)	Pass
3	ASTM F963-11, Heavy Metal	Pass
4	US CPSIA 2008 Section 101: Lead Content in Substrate--Composited Test	Pass
5	Phthalate Content (DBP, BBP, DEHP, DnOP, DINP, DIDP, DnHP)--Composited Test	Pass

*****To be Continued



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1 ASTM F963-11, Physical & Mechanical

As per ASTM standard consumer safety specification on toy safety F963-11

Applicant's Specified Age Group for Testing: 3 Years up

Tested Age Group: 3 Years up

Classification of Submitted Sample: Plastic Toys

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

Impact Test Section 1500.51(b)

Tension Test Section 1500.53(f)

Torque Test Section 1500.53(e)

Section	Testing Items	Comment
4.1	Materials (Visual Check on Cleanliness)	Pass
4.6	Small Objects	Pass
4.7	Accessible Edges	Pass
4.8	Projections	Pass
4.9	Accessible Points	Pass
5	Labeling Requirements	Pass
6	Instructional Literature	Pass
7	Producer's Markings	
	-Name of Distributor (Toy)	Yes
	-Address (Toy)	Yes

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.16 e.g. normal use testing, drop test, tension test, whichever is applicable.

*****To be Continued

2 ASTM F963-11 Flammability (Solid)

As per section 4.2 of ASTM F963-11

Sample	Ignition Point	Burn Length (in.)	Time(s)	Actual Burn Rate (in./s)	Limit (in./s)	Comment
In the Barn Farm Counters	Edge	0.39	6*	0.07	0.10	Pass

Remark: 0.10 in./s = 2.5 mm/s

*=The submitted sample was self-extinguished at 6s

3 ASTM F963-11 Heavy Metal

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-11. Acid digestion method was used and total lead content for composite component was determined by inductively coupled argon plasma spectrometry; acid extraction method was used and toxic elements contents were determined by inductively coupled argon plasma spectrometry.

Classification: Substrate				
Element: Lead				
Specimen	Tested Component Description (Location)	Limit (ppm)	Result (ppm)	Comment
#1,#2,#3	Mixed Purple, Yellow, Red Plastic	30	<10	Pass
#4,#5,#6	Mixed Green, Blue, Orange Plastic	30	<10	Pass
#7,#8	Mixed Transparent Plastic, Blue Plastic Handle	50	<10	Pass

Remark: ppm = part per million=mg/kg.

	Result (mg/kg)								Limit (mg/kg)
	#1	#2	#3	#4	#5	#6	#7	#8	
Soluble Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	75
Soluble Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	60
Soluble Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	60
Soluble Barium (Ba)	<10	<10	<10	<10	<10	<10	<10	<10	1000
Soluble Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25
Soluble Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	500
Comment	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	

*****To be Continued

Tested Component Description (Location):

#1	Purple Plastic	#5	Blue Plastic
#2	Yellow Plastic	#6	Orange Plastic
#3	Red Plastic	#7	Transparent Plastic
#4	Green Plastic	#8	Blue Plastic Handle

4 US CPSIA 2008 Section 101: Lead Content in Substrate--Composited Test

As per requirement of CPSC and applicant on prohibition on sale of children products containing lead; composite test for total lead content were conducted according to CPSC-CH-E1002-08.3 method for non-metal component, and lead content was determined by inductively coupled argon plasma spectrometry.

Classification: Substrate				
Element: Lead				
Specimen	Tested Component Description (Location)	Limit (ppm)	Result (ppm)	Comment
#1,#2,#3	Mixed Purple, Yellow, Red Plastic	30	<10	Pass
#4,#5,#6	Mixed Green, Blue, Orange Plastic	30	<10	Pass
#7,#8	Mixed Transparent Plastic, Blue Plastic Handle	50	<10	Pass

Remark: ppm = part per million=mg/kg.

*****To be Continued

5 Phthalates Content (DBP, BBP, DEHP, DnOP, DINP, DIDP, DnHP)--Composited Test

As per requirement of CPSC, California proposition 65 and applicant on prohibition on certain products containing specified phthalates in toys and child care articles, composite test for phthalates content were conducted according to CPSC-CH-C1001-09.3 method, phthalates content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS).

	Result (%)		Max. Limit (%)
	#1	#2	
Dibutyl phthalate (DBP)	ND	ND	0.0300
Benzyl Butyl Phthalate (BBP)	ND	ND	0.0300
Bis(2-Ethylhexyl) Phthalate (DEHP)	ND	ND	0.0300
Di-N-Octyl Phthalate (DnOP)	ND	ND	0.0300
Di-"Isononyl" Phthalate (DINP)	ND	ND	0.0300
Di-"Isodecyl" Phthalate (DIDP)	ND	ND	0.0300
Dinhexyl Phthalate (DnHP)	ND	ND	0.0300
Comment	Pass	Pass	

	Result (%)		Max. Limit (%)
	#3		
Dibutyl phthalate (DBP)	ND		0.0500
Benzyl Butyl Phthalate (BBP)	ND		0.0500
Bis(2-Ethylhexyl) Phthalate (DEHP)	ND		0.0500
Di-N-Octyl Phthalate (DnOP)	ND		0.0500
Di-"Isononyl" Phthalate (DINP)	ND		0.0500
Di-"Isodecyl" Phthalate (DIDP)	ND		0.0500
Dinhexyl Phthalate (DnHP)	ND		0.0500
Comment	Pass		

Remark: ND =Not Detected (<0.0100%)

The test components were specified by supplier.

Tested Component Description (Location):

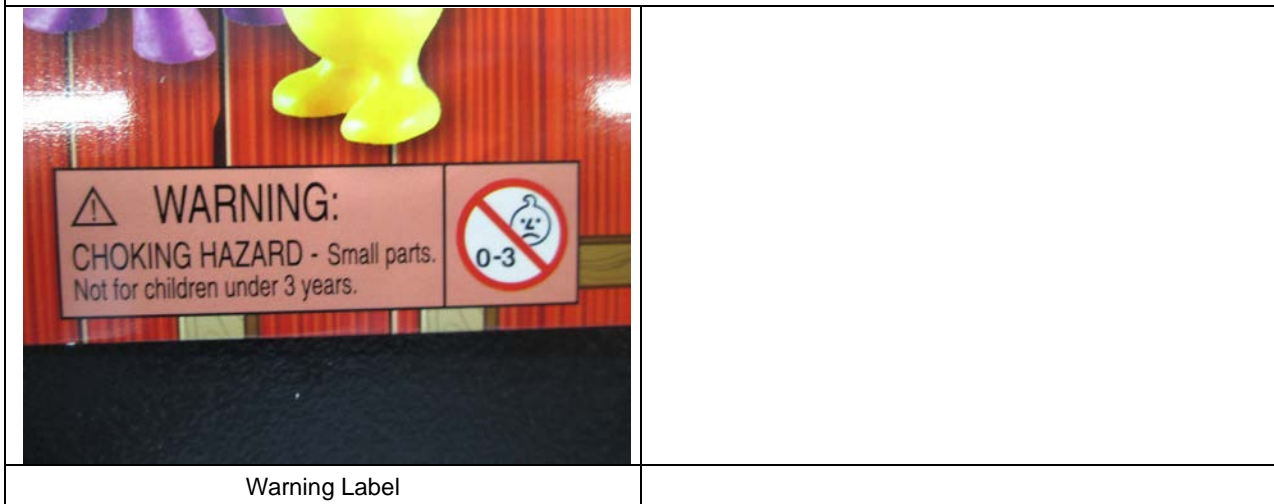
- #1 Mixed Purple, Yellow, Red Plastic
- #2 Mixed Green, Blue, Orange Plastic
- #3 Mixed Transparent Plastic, Blue Plastic Handle

*****To be Continued

Photo Attachment



Label Statement



Warning Label

*****End of Report