



Report #: R18483
Date: 10/01/2018

Test Report

CUSTOMER:

ATTENTION: Lisa Radcliffe

Punkin Futz

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Toy Packaging	TPCH / CONEG – Toxics in Packaging	Pass
	16 CFR 1303 – Total Lead in Coatings	Pass
	CPSIA Section 101 – Total Lead in Substrates	Pass
	Washington / Maine – Phthalate	Pass
	CPSIA Section 108 – Phthalates	Pass
	California Prop. 65 – Lead and Cadmium	(See Results)
	California Prop. 65 – Phthalates	(See Results)

SIGNED FOR THE COMPANY BY:

William M. Baumann
Laboratory Director

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Tests identified with an asterisk (*) have been subcontracted.

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**Technical Report****Sample ID:** Toy Packaging**Sample No.**

- 1) Substrate, plastic film on bag A
- 2) Substrate, plastic hanger hook on bag A
- 3) Substrate, metal snaps on bag A

- Item 1: TPCH / CONEG – Toxics in Packaging
- Item 2: 16 CFR 1303 – Total Lead in Coatings
- Item 3: CPSIA Section 101 – Total Lead in Substrates
- Item 4: Washington / Maine – Phthalate
- Item 5: CPSIA Section 108 – Phthalates
- Item 6: California Prop. 65 – Lead and Cadmium
- Item 7: California Prop. 65 – Phthalates

Item 1: Results for California Toxics in Packaging Prevention Act are listed below

California Toxics in Packaging Prevention Act – Total Heavy Metals (CONEG – TPCH)							
Digestion Method:	EPA Method 3052: Total Digestion for all elements						
Analysis Method:	EPA Method 6010C: ICP OES for Pb, Cd, Hg						
Analysis Method:	1,5-diphenylcarbazide colorimetric determination: UV-vis for Hexavalent Chromium						
Analyte	Lead (Pb)	Cadmium (Cd)	Chromium	Mercury (Hg)	Component Total	Total	Pass/Fail
Limit (mg/kg)	Total Allowed: <100 mg/kg						
Sample No.	Results (mg/kg)						
1	BDL	BDL	BDL	BDL	BDL	BDL	Pass

***Failed Item**

BDL = <1.0ppm

mg/kg = milligrams per kilogram

¹ Hexavalent Chromium measured by Spectrophotometer

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Item 2: Results for Total Lead in Coatings testing according to CPSIA 16 CFR 1303 are listed below

CPSIA 16 CFR 1303: Total Lead in Coatings		
Analyte		Lead (Pb)
Coating Limit (mg/kg)		90
Sample No.	Sample Type	Results (mg/kg)
2	Coating	BDL
3	Coating	BDL

BDL = <1.0ppm

ppm = parts per million = mg/kg = milligrams per kilogram

Item 3: Results for Total Lead in Substrates testing according to CPSIA Section 101 are listed below

CPSIA Section 101: Total Lead in Substrates		
Analyte		Lead (Pb)
Substrate Limit (mg/kg)		100
Sample No.	Sample Type	Results (mg/kg)
2	Substrate	BDL
3	Substrate	BDL

BDL = <1.0ppm

ppm = parts per million = mg/kg = milligrams per kilogram

Item 4: Results for Phthalate testing according to Washington / Maine are listed below

Washington / Maine: Phthalate	
Phthalate	DEP
Limit (mg/kg)	1K
Sample No.	Results (mg/kg)
1	ND
2	ND

ND = <100 mg/kg for phthalates

ND = < 5 mg/kg for BPA

ppm = parts per million = mg/kg = milligrams per kilogram

Item 5: Results for Phthalate testing according to CPSIA Section 108 are listed below

According to the Consumer Product Safety Improvement Act of 2008, the presence of three phthalates, DBP, BBP, and DINP, above 0.1% is prohibited in children's toys. Also, seven additional phthalates, DnOP, DINP, and DIDP, DIBP, DPENP, DHEXP, DCHP, are prohibited at a concentration of more than 1000 ppm in child care articles or toys that can be placed in a child's mouth or brought to the mouth. The 1000 ppm limit for the ten banned phthalates applies to each individual phthalate, not the total amount of these phthalates in the product.

CPSIA Section 108: Phthalates										
Phthalate	DEHP	DBP	BBP	DINP	DIDP	DIBP	DPENP	DHEXP	DCHP	DnOP
Limit (mg/kg)	1K	1K	1K	1K	1K	1K	1K	1K	1K	1K
Sample No.	Results (mg/kg)									
1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = <100 mg/kg

ppm = parts per million = mg/kg = milligrams per kilogram

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Item 6: Results for Lead and Cadmium testing according to California Prop. 65 are listed below

California Prop. 65: Total Lead and Cadmium		
Analyte	Lead (Pb)	Cadmium (Cd)
Sample No.	Results (mg/kg)	
2	BDL	BDL
3	BDL	BDL

BDL = <1.0ppm

ppm = parts per million = mg/kg = milligrams per kilogram

This data is for informational purposes only.

Item 7: Results for Phthalate testing according to California Proposition 65 are listed below

California Prop. 65: Phthalates							
Phthalate	DEHP	DBP	BBP	DINP	DIDP	DnHP	BPA
Sample No.	Results (mg/kg)						
1	ND	ND	ND	ND	ND	ND	445.0
2	ND	ND	ND	ND	ND	ND	ND

ND = <100 mg/kg for phthalates

ND = < 5 mg/kg for BPA

ppm = parts per million = mg/kg = milligrams per kilogram

This data is for informational purposes only.

SAMPLE PHOTOS:



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***** END OF REPORT *****

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