





Company: Prime Products Inc. Test Report # 14H-03606

Recipient: Elyse Kristinik Date of Issue: November 25, 2014

Recipient Email: elyse.kristinik@primeproductsinc.net Pages: Page 1 of 13 cc to Email: heather.barnett@primeproductsinc.net Date Received: October 24, 2014

SAMPLE INFORMATION:

Description: All PET Bottles: 2063, 2463, 2663, EBO63, 3063, Freedom Bottle, 3263-RSB, Mason

Jar

Assortment: - Purchase Order Number: -

SKU/style No.: - Toy Co./Agency: -

Factory/Supplier/Vendor: - Country of Origin: United States

Country of Distribution: - Labeled Age Grade: -

Quantity Submitted: See Page 2 Recommended Age Grade: Testing Period: 11/18/2014 - 11/25/2014 Tested Age Grade: -

OVERALL RESULT:

PASS

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	Client's Requirement: Bisphenol A#
PASS	FDA 21 CFR 177.1630, Polyethylene Phthalate Polymers
PASS	16 CFR 1500.3(c)(6)(vi), Flammability of Solids Flammable hazards evaluated as described in 16 CFR 1500.44.

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Vincent Chow Wai Kit Manager, Chemical Laboratory Joseph Kwan Tsz Hung Assistant Manager, Physical Laboratory







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Quantity Submitted:

Sample description	Quantity
All Pet Bottles: 2063, 2463, 2663, EBO63, 3063, Freedom Bottle, 3263-RSB - red	1pc
All Pet Bottles: 2063, 2463, 2663, EBO63, 3063, Freedom Bottle, 3263-RSB - pink	2pcs
All Pet Bottles: 2063, 2463, 2663, EBO63, 3063, Freedom Bottle, 3263-RSB - orange	1 pc
All Pet Bottles: 2063, 2463, 2663, EBO63, 3063, Freedom Bottle, 3263-RSB - green	1 pc
All Pet Bottles: 2063, 2463, 2663, EBO63, 3063, Freedom Bottle, 3263-RSB - light blue	2 pcs
All Pet Bottles: 2063, 2463, 2663, EBO63, 3063, Freedom Bottle, 3263-RSB - blue	1 pc
All Pet Bottles: 2063, 2463, 2663, EBO63, 3063, Freedom Bottle, 3263-RSB - purple	1 pc
All Pet Bottles: 2063, 2463, 2663, EBO63, 3063, Freedom Bottle, 3263-RSB - black	1 pc
Mason Jar - clear 30 oz	3 pcs
Mason Jar - clear 25 oz	2 pcs
Mason Jar - purple 25 oz	1 pc
Parts - bottle	1 lot







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DETAILED RESULTS:

CPSIA Section 101, Total Lead in Substrate Materials

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-E1002-08.2 (Non-Metal)]

Specimen No.	1+2+3	4+5+6	7+8+9			Limit
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Total (ppm)
Total Pb	ND	ND	ND			100
Conclusion	PASS	PASS	PASS			

Note:

Pb = Lead

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

ND = Not detected (Reporting Limit = 20ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.







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DETAILED RESULTS:

California Proposition 65, Total Lead in Substrate Materials

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-E1002-08.2 (Non-Metal)]

Specimen No.	1+2+3	4+5+6	7+8+9			Limit
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Total (ppm)
Total Pb	ND	ND	ND			100
Conclusion	PASS	PASS	PASS			

Note:

Pb = Lead

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

ND = Not detected (Reporting Limit = 20ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.







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DETAILED RESULTS:

CPSIA Section 108, Phthalates - Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9			
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
DBP	ND	ND	ND			1000
BBP	ND	ND	ND			1000
DEHP	ND	ND	ND			1000
DnOP	ND	ND	ND			1000
DINP	ND	ND	ND			1000
DIDP	ND	ND	ND			1000
Conclusion	PASS	PASS	PASS			

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate ppm (Parts per million) = 0.0001 % w/w (Percent by weight)

ND = Not detected (Reporting Limit = 120ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.







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DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9			
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
DBP	ND	ND	ND			1000
BBP	ND	ND	ND			1000
DEHP	ND	ND	ND			1000
DINP	ND	ND	ND			1000*
DIDP	ND	ND	ND			1000
DnHP	ND	ND	ND			1000
Conclusion	PASS	PASS	PASS			

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate DINP = Diisononyl phthalate, DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate ppm (Parts per million) = 0.0001 % w/w (Percent by weight)

ND = Not detected (Reporting Limit = 120ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

*DINP was added to the California Proposition 65 list on December 20, 2013. There is a one year exemption against taking legal action on all new chemicals added to the list therefore, no action can be taken regarding DINP until after December 20, 2014.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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DETAILED RESULTS:

Client's Requirement: Bisphenol A

Analysis performed by High Performance Liquid Chromatography with Fluorescence Detector to determine compliance with the above specification. [Referenced Test Method: ANSECO Method*]

Specimen No.	1	2	3	4	5	
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Bisphenol A	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9		
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Bisphenol A	ND	ND	ND	ND		ND
Conclusion	PASS	PASS	PASS	PASS		

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

ND = Not Detected (Reporting limit = 1ppm)







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DETAILED RESULTS:

FDA 21 CFR 177.1630, Polyethylene Phthalate Polymers

Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 177.1630]

Specime	1				
Test Item	Test Co	Test Condition		RL	C!6!!
rest item	Temperature	Duration	Result	KL	Specification
Distilled water extractive (mg/in²)	250 ^o F	2 hours	ND	0.1	0.5
n-Heptane extractive (mg/in²) 150°F 2 hours		ND	0.1	0.5	
Conclu	PASS				

Specime	2				
Test Item	Test Co	Test Condition		RL	Cussification
rest item	Temperature	Duration	Result	KL	Specification
Distilled water extractive (mg/in²)	250 ⁰ F	2 hours	ND	0.1	0.5
n-Heptane extractive (mg/in²)	n-Heptane extractive (mg/in²) 150°F 2 hours		ND	0.1	0.5
Conclu	Conclusion				

Specime	3				
Test Item	Test Condition		Dooult	RL	Chasification
rest item	Temperature	Duration	Result	KL	Specification
Distilled water extractive (mg/in²)	250 ⁰ F	2 hours	ND	0.1	0.5
n-Heptane extractive (mg/in²) 150°F 2 hours		ND	0.1	0.5	
Conclu	sion		PASS		

Note:

°F = Degree Fahrenheit

mg/in² = Milligrams per square inch

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 177.1630 (f).

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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DETAILED RESULTS:

FDA 21 CFR 177.1630, Polyethylene Phthalate Polymers

Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 177.1630]

Specime	4				
Test Item	Test Co	Test Condition		RL	Cussification
rest item	Temperature	Duration	Result	KL	Specification
Distilled water extractive (mg/in²)	250 ^o F	2 hours	ND	0.1	0.5
n-Heptane extractive (mg/in²) 150°F 2 hours		ND	0.1	0.5	
Conclu	PASS				

Specimen No.			5		
Test Item	Test Condition		Result	RL	Specification
rest item	Temperature	Duration	Result	KL	Specification
Distilled water extractive (mg/in²)	250 ^o F 2 hours		ND	0.1	0.5
n-Heptane extractive (mg/in²)	150°F 2 hours		ND	0.1	0.5
Conclusion			PASS		

Specimen No.			6		
Test Item	Test Condition		Result	RL	Chasification
rest item	Temperature	Duration	Result	KL	Specification
Distilled water extractive (mg/in²)	250 ⁰ F	2 hours	ND	0.1	0.5
n-Heptane extractive (mg/in²)	150°F 2 hours		ND	0.1	0.5
Conclu	PASS				

Note:

°F = Degree Fahrenheit

mg/in² = Milligrams per square inch

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 177.1630 (f).

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DETAILED RESULTS:

FDA 21 CFR 177.1630, Polyethylene Phthalate Polymers

Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 177.1630]

Specimen No.			7		
Test Item	Test Condition		Result	RL	Specification
rest item	Temperature	Duration	Result	KL	Specification
Distilled water extractive (mg/in²)	250 ^o F	2 hours	ND	0.1	0.5
n-Heptane extractive (mg/in²)	150°F 2 hours		ND	0.1	0.5
Conclusion			PASS		

Specimen No.			8		
Test Item	Test Condition		Result	RL	Specification
rest item	Temperature	Duration	Result	KL	Specification
Distilled water extractive (mg/in²)	250 ^o F 2 hours		ND	0.1	0.5
n-Heptane extractive (mg/in²)	150°F 2 hours		ND	0.1	0.5
Conclusion			PASS		

Specimen No.			9		
Test Item	Test Condition		Result	RL	Chasification
rest item	Temperature	Duration	Result	KL	Specification
Distilled water extractive (mg/in²)	250 ⁰ F	2 hours	ND	0.1	0.5
n-Heptane extractive (mg/in²)	150 ^o F 2 hours		ND	0.1	0.5
Conclusion			PASS		

Note:

°F = Degree Fahrenheit

 $mg/in^2 = Milligrams per square inch$

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

CS-HK-RE005

The specification is quoted from 21 CFR 177.1630 (f).

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ACLASS is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

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DETAILED RESULTS:

16 CFR 1500.3(c)(6)(vi), Flammability of Solids

Flammable hazards evaluated as described in 16 CFR 1500.44.

Test	Conclusion	Observation
Flammability of Solids	PASS	No Ignition. The content is not defined as flammable solid according to 16 CFR 1500.3(c)(6)(vi).







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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Translucent red plastic (PET)	Bottle (red style)
2	Translucent pink plastic (PET)	Bottle (pink style)
3	Translucent orange plastic (PET)	Bottle (orange style)
4	Translucent green plastic (PET)	Bottle (green style)
5	Translucent light blue plastic (PET)	Bottle (light blue style)
6	Translucent blue plastic (PET)	Bottle (blue style)
7	Translucent purple plastic (PET)	Bottle (purple/ purple 25 oz styles)
8	Translucent black plastic (PET)	Bottle (black style)
9	Translucent plastic (PET)	Bottle (clear 30 oz/ clear 25 oz styles)







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SAMPLE PHOTO:



-End Report-

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