ANSECO GROUP
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AT-1500

TEST REPORT

Company:	Prime Products Inc.	Test Report #	14H-03607
Recipient:	Elyse Kristinik	Date of Issue:	November 19, 2014
Recipient Email:	elyse.kristinik@primeproductsinc.net	Pages:	Page 1 of 10
cc to Email:	heather.barnett@primeproductsinc.net	Date Received:	October 24, 2014

SAMPLE INFORMATION:

Description:	All HDPE Bottles: 1663, 2053, 2063, 2463, 2853, 2863, RSB-32		
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:	1 lot	Recommended Age Grade:	-
Testing Period:	11/12/2014 – 11/19/2014	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 177.1520, Polyethylene
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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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	---	---	---	---	**Limit**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Total (ppm)**
Total Pb	ND	---	---	---	---	**100**
Conclusion	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	---	---	---	---	**Limit**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Total (ppm)**
Total Pb	ND	---	---	---	---	**100**
Conclusion	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	---	---	---	---	
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Limit (ppm)**
DBP	ND	---	---	---	---	**1000**
BBP	ND	---	---	---	---	**1000**
DEHP	ND	---	---	---	---	**1000**
DnOP	ND	---	---	---	---	**1000**
DINP	ND	---	---	---	---	**1000**
DIDP	ND	---	---	---	---	**1000**
Conclusion	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	---	---	---	---	
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Limit (ppm)**
DBP	ND	---	---	---	---	**1000**
BBP	ND	---	---	---	---	**1000**
DEHP	ND	---	---	---	---	**1000**
DINP	ND	---	---	---	---	**1000***
DIDP	ND	---	---	---	---	**1000**
DnHP	ND	---	---	---	---	**1000**
Conclusion	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.

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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	---	---	---	
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Limit (ppm)**
Bisphenol A	ND	ND	---	---	---	**ND**
Conclusion	PASS	PASS	---	---	---	

Note:
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
ND = Not Detected (Reporting limit = 1 ppm)

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DETAILED RESULTS:

FDA 21 CFR 177.1520, Polyethylene

Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 177.1520]

Specimen No.			1	2	
Test Item	Test Condition		Result	Result	**Specification**
	Temperature	Duration			
Density (g/cc)	NA	NA	0.942	0.953	**0.85-1.00**
n-Hexane extractive (% w/w)	50°C	2 hours	ND	ND	**5.5**
Xylene extractive (% w/w)	Reflux	2 hours	1.0	1.3	**11.3**
Conclusion			PASS	PASS	

Note:
g/cc = Grams per cubic centimeter
°C = Degree Celcius
% w/w = Percent by weight
NA = Not applicable
ND = Not Detected (Reporting limit = 1.0%w/w)

Remark:
The specification is quoted from 21 CFR 177.1520 (c) 2.1.

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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 plastic (PE)	Bottles
2	White plastic (PE)	Bottles

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SAMPLE PHOTO:

-End Report-