

## TEST REPORT

Company: Hit Promotional Products  
 Recipient: Doug Donnell  
 Recipient Email: doug@hitpromo.net  
 cc to Email: mbrunelli@hitpromo.net

Test Report # 13H-01782  
 Date of Issue: July 19, 2013  
 Pages: Page 1 of 10  
 Date Received: June 25, 2013

### SAMPLE INFORMATION:

Description: Aluminum Bottle with Colored Roto Lid  
 Assortment: Sil Orn, Sil lim, Sil Pnk, Sil Blu, Sil Red  
 SKU No.: 5715  
 Factory No.: 129930  
 Country of Distribution: United States  
 Quantity Submitted: 2 pcs per color + 2 lots parts  
 Testing Period: 07/09/2013 – 07/19/2013

Purchase Order Number: 95259  
 Agent: Headwind  
 Country of Origin: China  
 Labeled Age Grade: -  
 Recommended Age Grade: -  
 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 & 16 CFR 1303, Total Lead in Paints & Surface Coatings
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	Total Bisphenol A Content
PASS	FDA 21 CFR 177.1520, Polypropylene Homopolymers
PASS	FDA 21 CFR 177.1640, Polystyrene
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets for Food Containers
PASS	FDA 21 CFR 175.300, Resinous and Polymeric Coatings

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit  
 Manager, Chemical Laboratory

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### DETAILED RESULTS:

#### CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints & Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulations. [Referenced Test Method: CPSC-CH-E-1003-09.1]

Specimen No.	1	2	---	---	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 10	LT 10	---	---	---	<b>90</b>
<b>Conclusion</b>	PASS	PASS	---	---	---	

*Note:*

Pb = Lead

mg/kg = Milligram per kilogram

LT = Less Than

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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-E1001-08.2 (Metal) and CPSC-CH-E1002-08.2 (Non-Metal)]

Specimen No.	3	4	5	6	7	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 10	LT 10	LT 10	LT 10	LT 10	<b>100</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8	9	11	---	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	42	LT 10	LT 10	---	---	<b>100</b>
<b>Conclusion</b>	PASS	PASS	PASS	---	---	

*Note:*

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LT = Less Than

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### DETAILED RESULTS:

#### Total Bisphenol A Content

Analysis performed by High Performance Liquid Chromatography with solvents extraction to determine compliance with the above specification. [Referenced Test Method: ANSECO Method#]

Specimen No.	1	2	3	4	5	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	<b>Total (mg/kg)</b>
Total Bisphenol A	ND	ND	ND	ND	ND	<b>ND</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	<b>Total (mg/kg)</b>
Total Bisphenol A	ND	ND	ND	ND	---	<b>ND</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	---	

*Note:*

mg/kg = Milligram per kilogram

LT = Less Than

ND = Not Detected (Detection limit = 2mg/kg)

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### DETAILED RESULTS:

#### FDA 21 CFR 177.1520, Polypropylene Homopolymers

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

Specimen No.			8	---	
Test Item	Test Condition		Result	Result	Specification
	Temperature	Duration			
Density (g/cc)	NA	NA	0.907	---	<b>0.880-0.913</b>
Melting point (°C)	NA	NA	170.1	---	<b>160-180</b>
n-Hexane extractive (% w/w)	Reflux	2 hours	0.4	---	<b>6.4</b>
Xylene extractive (% w/w)	25°C	2 hours	LT 0.5	---	<b>9.8</b>
<b>Conclusion</b>			PASS	---	

*Note:*

% w/w = Percentage by weight  
 g/cc = Gram per cubic centimeter  
 °C = Degree Celsius  
 LT = Less Than  
 NA = Not applicable

*Remark:*

The specification is quoted from 21 CFR 177.1520 (c) 1.1a.

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### DETAILED RESULTS:

#### FDA 21 CFR 177.1640, Polystyrene

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: FDA 21 CFR 177.1640#]

Specimen No.	3	4	5	Specification
Test Item	Result	Result	Result	
Total residual styrene monomer (% w/w)	0.08	0.09	0.08	
<b>Conclusion</b>	PASS	PASS	PASS	

Specimen No.	6	7	---	Specification
Test Item	Result	Result	Result	
Total residual styrene monomer (% w/w)	0.08	0.07	---	
<b>Conclusion</b>	PASS	PASS	---	

*Note:*

% w/w = Percentage by weight

LT = Less Than

*Remark:*

The specification is quoted from 21 CFR 177.1640 (c) (1).

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### DETAILED RESULTS:

#### FDA 21 CFR 177.1210, Closures with Sealing Gaskets for Food Containers

Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 177.1210#]

Specimen No.			10	---	Specification
Test Item	Test Condition		Result	Result	
	Temperature	Duration			
Distilled water extractive (ppm)	Fill boiling, cool to 100°F	2 hours	LT 1.0	---	<b>50</b>
<b>Conclusion</b>			PASS	---	

*Note:*

ppm = part per million  
 °F = Degree Fahrenheit  
 LT = Less Than  
 NA = Not applicable

*Remark:*

The specification is quoted from 21 CFR 177.1210 Table 2 Section 2.

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### DETAILED RESULTS:

#### FDA 21 CFR 175.300, Resinous and Polymeric Coatings

Analysis performed by food simulating solvents extractions to determine compliance with above referenced regulation. [Referenced Test Method: FDA 21 CFR 175.300#]

Specimen No.		2	---	Specification	
Test Item	Test Condition		Result		Result
	Temperature	Duration			
Distilled water extractive (mg/in <sup>2</sup> )	Fill boiling, cool to 100°F	2 hours	LT 0.10	---	<b>18</b>
<b>Conclusion</b>			PASS	---	

*Note:*

mg/in<sup>2</sup> = Milligram per square inch  
 °F = Degree Fahrenheit  
 LT = Less Than  
 NA = Not applicable

*Remark:*

The specification is quoted from 21 CFR 175.300 (c) (3).

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### SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Silvery coating	Exterior of body (all styles)
2	Matt silvery coating	Interior of body (all styles)
3	Orange plastic	Sipper (SILORN style)
4	Lime plastic	Sipper (SILLIM style)
5	Pink plastic	Sipper (SILPNK style)
6	Blue plastic	Sipper (SILBLU style)
7	Red plastic	Sipper (SILRED style)
8	Black plastic	Lid/screw neck (all styles)
9	Translucent soft plastic	Gasket of lid (all styles)
10	Translucent soft plastic	Gasket of lid / gasket of sipper (all styles)
11	Silvery metal	Body (all styles)

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### SAMPLE PHOTO:



-End Report-

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