



Test Report

No.: HKHL1407049788JL

Date: JUL 08, 2014

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BIC GRAPHIC
14421 MYERLAKE CIRCLE
CLEARWATER PINELLAS
FL 33760 UNITED STATES

The following samples were submitted and identified on behalf of the client as:

PRIMO MUG - 14 OZ.

SGS Case No. : HKHL140600035281
Style / Item No. : 45374
Ref. No / P.O. No. : 3405
Quantity Submitted : 36 PCS (3 STYLES)
Manufacturer Date : 2013 / 2014
Country of Origin : CHINA
Country of Destination : US & CANADA
Sample Receiving Date : JUN 30, 2014
Test Performing Date : JUN 30 TO JUL 08, 2014

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Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
1. Client's Requirement	--
a) Lead content in Plastic	PASS
b) Lead content in Metal	PASS
c) DEHP, BBP, DBP, DIDP, DINP and DnHP content	PASS
2. State of Connecticut Public Act No. 09-103 – Total Bisphenol A (BPA) content	PASS
3. US FDA 21 CFR 177.1210 (Closure with Sealing Gaskets) – Determination of Amount of Net Chloroform Soluble Extractives	PASS
4. US FDA 21 CFR 177.1520 (Olefin Polymers)	--
Polypropylene copolymer (Selected tests as specified by client)	--
a) Extractable fraction	PASS

Signed for and on behalf of
SGS Hong Kong Ltd.

Alex Kwong
Sr Technical Manager

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Test Results :

1. Client's Requirement

a) Lead content in Plastic

Method : With reference to EPA 3050B. Analysis was performed by Atomic Absorption Spectrometry or Inductively Coupled Argon Plasma – Atomic Emission Spectrometry.

Test Item	Result (ppm)	Reporting Limit (ppm)	Client's Limit (ppm)
	1 – 2		
Lead (Pb)	ND	20	100
Comment	PASS	--	--

Sample Description :

1. Black Plastic (Slider, Lid) (#5,7 – 45374)
2. Black Soft Plastic (Bottom) (#9 – 45374)

Note : 1. ppm = parts per million
2. ND = Not Detected

b) Lead content in Metal

Method : With reference to EPA 3050B, followed by analysis using Atomic Absorption Spectrometry (AAS).

Test Item	Result (ppm)	Reporting Limit (ppm)	Client's Limit (ppm)
	1		
Lead (Pb)	38	20	100
Comment	PASS	--	--

Sample Description :

1. Silvery Metal (Outer Base, Inner Liner, Trim) (#4,8 – 45374)

Note : 1. ppm = parts per million
2. ND = Not Detected

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Test Results (Con't) :

c) DEHP, BBP, DBP, DIDP, DINP and DnHP content

Method : With reference to ASTM Method Designation D3421-75. Analysis was performed by Gas Chromatography / Mass Spectrometry.

Test Item	Result (%)		Reporting Limit (%)	Client's Limit (%)
	1			
Dibutyl Phthalate (DBP)	ND		0.003	0.1
Benzylbutyl Phthalate (BBP)	ND		0.003	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	ND		0.003	0.1
Diisodecyl Phthalate (DIDP)	ND		0.010	0.1
Diisononyl Phthalate (DINP)	ND		0.010	0.1
Di-n-hexyl phthalate (DnHP)	ND		0.005	0.1
Comment	PASS		--	--

Sample Description :

1. Black Plastic (Slider, Lid) (#5,7 – 45374)

Note : 1. % = percentage by weight

2. ND = Not Detected

2. State of Connecticut Public Act No. 09-103 – Total Bisphenol A (BPA) content

Method : Solvent extraction followed by analysis with High Performance Liquid Chromatography – Mass Selective Detector (HPLC-MSD).

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Requirement
	1		
Bisphenol A (BPA)	ND	1	Prohibited
Comment	PASS	--	--

Sample Description:

1. Black Plastic (Slider, Lid) (#5,7 – 45374)

Note : 1. mg/kg = milligram per kilogram

2. ND = Not Detected

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Test Results (Con't) :

3. US FDA 21 CFR 177.1210 (Closure with Sealing Gaskets) – Determination of Amount of Net Chloroform Soluble Extractives

Method : With reference to US FDA 21 CFR 177.1210.

For formed in place overall discs or annular rings from plasticized polymers including rubber :

Extractants	Test Condition	Result (ppm)	Reporting Limit (ppm)	Permissible Limit (ppm)
		1		
Distilled Water	150°F for 2 hours	ND	5	50
8% Alcohol	150°F for 2 hours	ND	5	50
Comment	--	PASS	--	--

Sample Description :

1. Semi-Transparent Silicone Rubber (Gasket) (#6 – 45374)

Note : 1. ppm = parts per million
2. °F = degrees Fahrenheit
3. ND = Not Detected

4. US FDA 21 CFR 177.1520 (Olefin Polymers)

Polypropylene copolymer

- a) Extractable fraction

Method : With reference to 21 CFR 177.1520 (d)(3)(ii). Sample preparation in n-hexane at 50°C for 2 hours.

Test Item	Result (% w/w)	Reporting Limit (% w/w)	Permissible Limit (% w/w)
	1		
Extractable fraction	0.7	0.1	5.5
Comment	PASS	--	--

Sample Description :

1. Black Plastic (Slider, Lid) (#5,7 – 45374)

Note : 1. % w/w = percentage of weight by weight
2. ND = Not Detected
3. °C = degree Celsius

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Photo Appendix

Sample as received
***** End of Report *****

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