



## Test Report

No.T31920280255TC

Date: SEP 20, 2019

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BIC GRAPHIC

14421 MYERLAKE CIRCLE CLEARWATER PINELLAS FL 33760 UNITED STATES

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

ELTON TRITAN BOTTLE- 23 OZ.

Item No. : 46313  
Test Request Form No. : 3334\_HK  
Shipment Order Number : PO 7088238  
Manufacture Date : 2019  
Country of Origin : CHINA  
Country of Destination : CANADA, UNITED STATES  
Sample Receiving Date : SEP 10, 2019  
Testing Period : SEP 10, 2019 TO SEP 20, 2019

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Test Requested		Conclusion
1.	CPSIA section 108 – Phthalates in the specified specimen(s) as listed	PASS
	US 16 CFR Part 1307 – Phthalates in the specified specimen(s) as listed	PASS
	US California Proposition 65 (Out-of-court Settlement for Travel Bottle Sets) – Phthalates Content in the specified specimen(s) as listed	PASS
2.	CPSIA section 101 - Total Lead content in the specified specimen(s) as listed	--
	CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children’s Metal Jewelry)	PASS
3.	Bisphenol A (BPA) requirement in compliance with various USA States requirement in the specified specimen(s) as listed	PASS
4.	The United State Code of Federal Regulations 21 CFR 177.1520 (FDA) - density, maximum extractable fraction in n-hexane, and maximum soluble fraction in xylene	PASS
5.	US California Proposition 65 (County of Marin Case No. CIV 1104003) – Lead Content in the specified specimen(s) as listed	PASS
6.	US FDA 21 CFR 177.2420 (Polyester Resins, Cross-linked)	--
	a) Net Chloroform Soluble Extractives	PASS

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
SGS Hong Kong Ltd.



\_\_\_\_\_  
To Man Wah, Po  
Technical Manager

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**Test Results:**

**1. Phthalates Content**

Method: With reference to CPSC-CH-C1001-09.4  
 Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Accessible Materials can be placed in the Mouth

Test Item(s) Specimen No.	CAS No.	Result(s) (%)		MDL (%)
		1	2	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	0.003
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010
Di-n-Hexyl phthalate (DHP/DnHP)	84-75-3	ND	ND	0.003
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003
Di-n-pentyl phthalate (DPP/DPenP)	131-18-0	ND	ND	0.003
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003

Specimen Description:

1. Transparent teal plastic (Bottle) (#1-46313 teal Tritan plastic bottle)
2. Transparent grey plastic (Bottle) (#2-46313 gray Tritan plastic bottle)

- Note:
- % = percentage by weight
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)

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The Phthalates Content Requirement(s) is(are) Summarize as below:

Requirement(s)	Permissible Limit
<b>Consumer Product Safety Improvement Act of 2008</b>	
- Toys for children up to 12 or childcare articles for children up to 3	- DEHP, BBP or DBP $\leq$ 0.1%
- Toys for children up to 12 that can be placed in the mouth or childcare articles for children up to 3	- DINP, DNOP or DIDP $\leq$ 0.1%
<b>US 16 CFR Part 1307</b>	
- Toys for children up to 12 or childcare articles for children up to 3	- DEHP, BBP, DBP, DINP, DIBP, DPENP, DHEXP, and DCHP $\leq$ 0.1%
California Proposition 65 (Out-of-court Settlement)	
- Travel Bottle Sets	$\leq$ 0.1% DEHP otherwise warning

**2. CPSIA - Lead in Accessible Substrate Materials**

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)

Test Item(s)	Lead (Pb)
Permissible Limit <b>**</b> (ppm)	100
Specimen Description	Result(s) (ppm)
1. Transparent teal plastic (Bottle) (#1-46313 teal Tritan plastic bottle)	ND
2. Transparent grey plastic (Bottle) (#2-46313 gray Tritan plastic bottle)	ND
3. Clear plastic (Bottle) (#3-46313 clear Tritan plastic bottle)	ND
4. Black plastic (Bottle) (#4-46313 black PP copolymer plastic lid)	ND
5. Silver metal lid (#5-46313 silver stainless steel lid)	ND
6. Silver metal handle (#6-46313 silver stainless steel handle)	ND
7. Silver metal bottom cover (#7-46313 silver stainless steel bottom cover )	ND

\*\* Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm

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**3. Bisphenol A (BPA) Content**

Method: Solvent extraction

Analysis was performed by Triple Quadrupole Liquid Chromatograph Mass Spectrometer (LC-MS/MS)

Specimen Description	Result(s) (mg/kg)	Requirement
1. Transparent teal plastic (Bottle) (#1-46313 teal Tritan plastic bottle)	ND	Prohibited
2. Transparent grey plastic (Bottle) (#2-46313 gray Tritan plastic bottle)	ND	Prohibited
3. Clear plastic (Bottle) (#3-46313 clear Tritan plastic bottle)	ND	Prohibited
4. Black plastic (Bottle) (#4-46313 black PP copolymer plastic lid)	ND	Prohibited

- Note:
- mg/kg = milligram per kilogram
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 1 mg/kg

**Remark: Summary of Requirements**

Jurisdiction	Regulation/reference	Scope on BPA Ban	Requirement
Minnesota	Chapter 40 (SF 247, Session 2009-2010)	Empty bottle or cup to be filled with food or liquid for children under 3 years old	Prohibited (manufacturer or wholesaler)
			Prohibited (Retailer)
Connecticut	Public Act 09-103 (HB 6572)	Reusable food or beverage container	Prohibited
		Plastic container, jar or can that contains infant formula or baby food	Prohibited
		Sell or distribute existing inventory of infant formula or baby food containers, jars or cans as of October 1, 2011, provided such items were purchased or acquired prior to October 1, 2011	Prohibited
Chicago (Illinois)	BPA-Free Kids Ordinance, Section 7-28-637, Chapter 7-28, Municipal Code of Chicago, USA	Containers - Empty bottle or cup to be filled with food or liquid for children under 3 years old	Prohibited
Suffolk County (New York)	Toxin Free Toddler and Babies Act	Beverage containers for children under the age of 3	Prohibited
Maryland	HB 33 (companion bill SB 213)	Childcare Article: Empty bottle or cup to be filled with food or liquid for a child under the age of 4 years	Prohibited

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Jurisdiction	Regulation/reference	Scope on BPA Ban	Requirement
Maine	Chapter 882	Manufacturer of infant formula or baby food sold in plastic container, jar or can	Submit information to DEP
		Manufacturer of toy, childcare article and tableware	
		Reusable food or beverage container	Prohibited
Vermont	Act 112 (S.247, 2009 – 2010 Legislative Session)	Reusable food or beverage container	Prohibited
		Infant formula or baby food stored in a plastic container or jar	
		Infant formula or baby food stored in a can	Prohibited
Wisconsin	2009 Wisconsin Ace 145 (2009 Senate Bill 271)	Child's container-an empty baby bottle or spill-proof cup primarily for a child under the age of 3 years	Prohibited
California	County of Alameda Case No. RG17859873	Polycarbonate cookware, including but not limited to PC Measuring Cup Sets	BPA-free otherwise warning
	Out-of-court settlement with reference to Ferreiro v True Fabrications Inc	Polycarbonate dishware, including but not limited to polycarbonate wine glasses	≤ 1000 ppm BPA otherwise warning
	Out-of-court settlement with reference to Ferreiro v Conair Corporation	Polycarbonate chopping bowls	BPA-free otherwise warning
	Out-of-court settlement with reference to Ferreiro v Superior Communications Inc.	Cellphone Cases	≤ 3 ppm BPA otherwise warning

**4. FDA 21 CFR 177.1520 - PP (Co-Polymer)**

Method: With reference to 21 CFR 177.1520

Test Item(s)	1	Permissible Limit
1. Density (g/cm <sup>3</sup> )	0.91	0.85-1.00
2. Maximum extractable fraction in n-hexane (w/w)	0.7%	5.5% at 50°C
3. Maximum soluble fraction in xylene (w/w)	2.6%	30% at 25°C

Specimen Description:

- Black plastic (Lid) (#4-46313 Black PP copolymer plastic lid)

- Note:
- % = percentage by weight
  - g/cm<sup>3</sup> = gram per cubical centimeter
  - °C=degree Celsius

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**5. US California Proposition 65 – Total Lead Content**

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children’s Metal Products (Including Children’s Metal Jewelry)

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)	Lead (Pb)
Specimen Description	Result(s) (ppm)
1. Transparent teal plastic (Bottle) (#1-46313 teal Tritan plastic bottle)	ND
2. Transparent grey plastic (Bottle) (#2-46313 gray Tritan plastic bottle)	ND
3. Clear plastic (Bottle) (#3-46313 clear Tritan plastic bottle)	ND
4. Black plastic (Bottle) (#4-46313 black PP copolymer plastic lid)	ND
5. Silver metal lid (#5-46313 silver stainless steel lid)	ND
6. Silver metal handle (#6-46313 silver stainless steel handle)	ND
7. Silver metal bottom cover (#7-46313 silver stainless steel bottom cover )	ND

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit =10 ppm
  - 1% = 10000mg/kg=10000ppm

**Remark: Summary of permissible limit(s) of Lead requirement:**

Requirement(s)		Permissible Limit of Lead (ppm)	Effective Date
California Proposition 65 (County of Marin Case No. CIV 1104003)	Paint and surface coating	90	Current
	All other materials	100	Current

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**6. US FDA 21 CFR 177.2420 (Polyester Resins, Cross-linked)**

a) Net Chloroform Soluble Extractives

Method : With reference to 21 CFR 177.2420.

Extractants	Test Condition	Result (mg/inch <sup>2</sup> )			Reporting Limit (mg/inch <sup>2</sup> )	Permissible Limit (mg/inch <sup>2</sup> )
		1	2	3		
Distilled Water	150°F for 2 hours	ND	ND	ND	0.1	0.1
8% Alcohol	150°F for 2 hours	ND	ND	ND	0.1	0.1
50% Alcohol	150°F for 2 hours	ND	ND	ND	0.1	0.1
<b>Comment</b>	--	PASS	PASS	PASS	--	--

Sample Description :

1. Transparent teal plastic (#1 - 46313 Teal Tritan plastic bottle)
2. Transparent dark grey plastic (#1 - 46313 GrayTritan plastic bottle)
3. Transparent plastic (#1 - 46313 Clear Tritan plastic bottle)

Note : 1. mg/inch<sup>2</sup> = milligram per square inch  
 2. °F = degrees Fahrenheit  
 3. ND = Not Detected

**Sample Photo:**



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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