





## **TEST REPORT**

Test Report # 16H-09082 Date of Report Issue: January 3, 2017

Date of Sample Received: December 21, 2016 Pages: Page 1 of 9

**CLIENT INFORMATION:** 

Company: BIC Graphic

Recipient: 14421 Myerlake Circle

Clearwater Florida 33760

United States (USA)

**SAMPLE INFORMATION:** 

Description: Camouflage Aluminum LED Flashlight / Camouflage Mini Aluminum LED

Flashlight

Assortment: - Purchase Order Number: 7972
Item No.: 65323, 65324 Country of Origin: China

Country of Distribution: United States, Canada Labeled Age Grade: 
Quantity Submitted: 3 pcs per style + 2 lots Recommended Age Grade: -

**Parts** 

Testing Period: 12/21/2016 – 01/03/2017 Tested Age Grade: -

OVERALL RESULT:

**PASS** 

Refer to page 2 for test result summary and appropriate notes.

ANSECO GROUP (HK) LIMITED



Loska Yeung Lok Ka Leader, Chemical Laboratory

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## **TEST RESULTS SUMMARY:**

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 and Surface Coatings
PASS	California Proposition 65, Total Lead in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Metal / Plastic / Textile
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195, Item 23 Total
. 7 100	Lead and Mercury in Paints and Surface Coatings

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## **DETAILED RESULTS:**

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

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3a					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND					90
Conclusion	PASS					

Note:

CS-HK-RE005-BIC

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

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

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

### **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
3a	Multicolor coating	Camouflage surface (all styles)

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## **DETAILED RESULTS:**

## California Proposition 65, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3a					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND					90
Conclusion	PASS					

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

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

#### Remark:

The specification is quoted from client's requirement.

## **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
3a	Multicolor coating	Camouflage surface (all styles)

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#### **DETAILED RESULTS:**

## California Proposition 65, Total Lead in Metal / Plastic / Textile

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3b	4	5	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8			Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	76	ND	ND			100
Conclusion	PASS	PASS	PASS			

## Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

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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#### **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black soft plastic	Black plastic button (all styles)
2	Clear plastic	Clear plastic cover (all styles)
3b	Silvery metal	Camouflage surface (all styles)
4	Dull black textile	Black fabric trim (all styles)
5	Matt black textile with black PVC backing	Black fabric (pouch) (all styles)
6	Dull silvery metal	Silver metal ring (Camouflage Mini Aluminum LED Flashlight style)
7	Matt silvery metal	Silver metal grommet (Camouflage Mini Aluminum LED Flashlight style)
8	Black textile	Black webbing strap (Camouflage Mini Aluminum LED Flashlight style)

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#### **DETAILED RESULTS:**

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

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	1	5			
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Dibutyl phthalate (DBP)	84-74-2	ND	ND			1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND			1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND			1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND			1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND			1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND			1000
Conclusion	1	PASS	PASS			

#### Note

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 100 ppm)

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

#### Remark:

The specification is quoted from client's requirement.

## **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black soft plastic	Black plastic button (all styles)
5	Matt black textile with black PVC backing	Black fabric (pouch) (all styles)

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#### **DETAILED RESULTS:**

# Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195, Item 23 Total Lead and Mercury in Paints and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3a					Total
Test Item	Result	Result	Result	Result	Result	Limit
rest item	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Total Lead (Pb)	ND					90
Total Mercury (Hg)	ND					10
Conclusion	PASS					

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

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

## **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
3a	Multicolor coating	Camouflage surface (all styles)

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#### **SAMPLE PHOTO:**





-End Report-

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