





# **TEST REPORT**

Test Report # 19H-004603 Date of Report Issue: June 28, 2019

Date of Sample Received: June 19, 2019 Pages: Page 1 of 8

**CLIENT INFORMATION:** 

Company: BIC Graphic

Recipient: 14421 Myerlake Circle

Clearwater Florida 33760

United States (USA)



**SAMPLE INFORMATION:** 

Description: Dual Function Whistle and Keylight

Assortment: - Test Request Form No.: 3126
Item No.: 21190 Country of Origin: China

Shipment Order No.: Black/Blue-7064483, Labeled Age Grade: -

Black/Green-7064832, Black/Red-7055537, Black/Yellow-7056347, Black/White-7056079

Country of Distribution: United States, Canada Recommended Age Grade: -

Quantity Submitted: 5 pcs per style Tested Age Grade: -

Testing Period: 06/20/2019 - 06/28/2019

**OVERALL RESULT:** 

**PASS** 

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

QIMA Testing (HK) Limited



Loska Yeung Lok Ka

Assistant Manager, Chemical Laboratory

QIMA Testing (HK) Limited \* 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, Hong Kong \* Tel: (852)3185 8000. The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.



Test Report #: 19H-004603 Page 2 of 8

# **TEST RESULTS SUMMARY:**

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	California Proposition 65, Total Lead in Metal / Plastic / Textile
PASS	US Public Law 104-142 Title II, Mercury-Containing Battery Management Act#
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

QIMA Testing (HK) Limited \* 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, Hong Kong \* Tel: (852)3185 8000. The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.



Test Report #: 19H-004603 Page 3 of 8

#### **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	3	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)	ND	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.

QIMA Testing (HK) Limited \* 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, Hong Kong \* Tel: (852)3185 8000. The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.



Test Report #: 19H-004603 Page 4 of 8

### **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	White plastic	White plastic on/off button (all styles)
2	Silvery metal	Silver metal key ring and chain (test one report both)(all styles)
3	Transparent red plastic	Red plastic reflector (red style)
4	Transparent green plastic	Green plastic reflector (green style)
5	Transparent blue plastic	Blue plastic reflector (blue style)
6	Transparent yellow plastic	Yellow plastic reflector (yellow style)
7	Translucent plastic	White plastic reflector (white style)
8	Black plastic	Black plastic body (all styles)

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.



Test Report #: 19H-004603 Page 5 of 8

#### **DETAILED RESULTS:**

# US Public Law 104-142 Title II, Mercury-Containing Battery Management Act

Test Method: In-House Method<sup>#</sup>

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

### Alkaline Manganese Button Cell

Specimen No.	9					Total
Test Item	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	Limit (mg/cell)
Total Mercury (Hg)	ND					25
Conclusion	PASS					

Note:

mg/cell = milligram per cell

LT = Less than

ND = Not detected (Reporting Limit = 5 mg/cell)

# **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
9	Silvery button cell	Button cell Battery (all styles)

QIMA Testing (HK) Limited • 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, Hong Kong • Tel: (852)3185 8000. The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.



Test Report #: 19H-004603 Page 6 of 8

#### **DETAILED RESULTS:**

# Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	4	5	
Test Item	Result	Result	Result	Result	Result	Limit
rest item	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8			
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Total Lead (Pb)	ND	ND	ND			90
Conclusion	PASS	PASS	PASS			

### Note:

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

ND = Not detected (Reporting Limit = 10 mg/kg)

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

QIMA Testing (HK) Limited \* 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, Hong Kong \* Tel: (852)3185 8000. The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.



Test Report #: 19H-004603 Page 7 of 8

### **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	White plastic	White plastic on/off button (all styles)
2	Silvery metal	Silver metal key ring and chain (test one report both)(all styles)
3	Transparent red plastic	Red plastic reflector (red style)
4	Transparent green plastic	Green plastic reflector (green style)
5	Transparent blue plastic	Blue plastic reflector (blue style)
6	Transparent yellow plastic	Yellow plastic reflector (yellow style)
7	Translucent plastic	White plastic reflector (white style)
8	Black plastic	Black plastic body (all styles)

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.



Test Report #: 19H-004603 Page 8 of 8

### **SAMPLE PHOTO:**



-End Report-

QIMA Testing (HK) Limited \* 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, Hong Kong \* Tel: (852)3185 8000. The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.