

TEST REPORT

Test Report #	19H-004088	Date of Report Issue:	June 14, 2019
Date of Sample Received:	June 4, 2019	Pages:	Page 1 of 7

CLIENT INFORMATION:

Company: BIC Graphic
 Recipient: 14421 Myerlake Circle
 Clearwater
 Florida
 33760
 United States (USA)



SAMPLE INFORMATION:

Description:	Twist Keylight		
Assortment:	-	Test Request Form No.:	3098
Item No.:	21101	Country of Origin:	China
Shipment Order No.:	Black-7038112, Blue-7045141, Orange-7051546, Red-7054375	Labeled Age Grade:	-
Country of Distribution:	United States, Canada	Recommended Age Grade:	-
Quantity Submitted:	5 pcs per style	Tested Age Grade:	-
Testing Period:	06/05/2019 – 06/14/2019		

OVERALL RESULT:



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

QIMA Testing (HK) Limited



Loska Yeung Lok Ka
 Assistant Manager, Chemical Laboratory

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YOUR EYES IN THE SUPPLY CHAIN

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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

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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	3	4	5	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	100
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.

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Silvery metal	Silver stainless steel keychain (all styles)
2	Translucent printed blue plastic	Blue ABS plastic housing (blue style)
3	Translucent printed orange plastic	Orange ABS plastic housing (orange style)
4	Translucent printed red plastic	Red ABS plastic housing (red style)
5	Translucent printed black plastic	Black ABS plastic housing (black style)
6	Dull silvery metal	Silver metal keyring (all styles)

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DETAILED RESULTS:**US Public Law 104-142 Title II, Mercury-Containing Battery Management Act**

Test Method: In House Method[#]
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Alkaline Manganese Button Cell

Specimen No.	7	---	---	---	---	Total Limit (mg/cell)
Test Item	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	Result (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
7	Silvery button cell	Battery (all styles)

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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	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	90
Conclusion	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 = 20 ppm)

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

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Silvery metal	Silver stainless steel keychain (all styles)
2	Translucent printed blue plastic	Blue ABS plastic housing (blue style)
3	Translucent printed orange plastic	Orange ABS plastic housing (orange style)
4	Translucent printed red plastic	Red ABS plastic housing (red style)
5	Translucent printed black plastic	Black ABS plastic housing (black style)
6	Dull silvery metal	Silver metal keyring (all styles)

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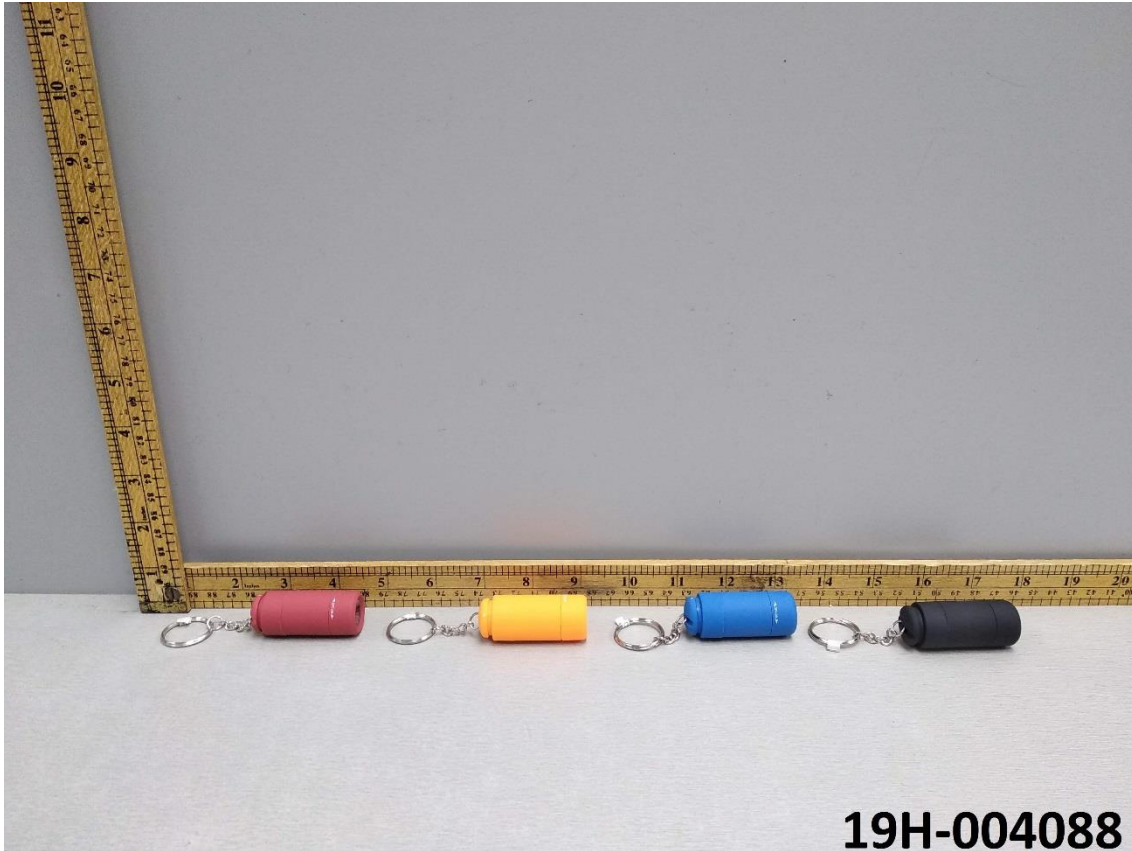
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SAMPLE PHOTO:



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-End Report-