

## TEST REPORT

Test Report #	19H-001517(A2)	Date of Report Issue:	April 8, 2019
Date of Sample Received:	March 18, 2019	Pages:	Page 1 of 9

### CLIENT INFORMATION:

Company:	Imagen Brands
Recipient:	Carissa Roepke
Recipient Email:	CarissaR@imagenbrands.com



### SAMPLE INFORMATION:

Description:	EPEX Fort Desoto Flash Lantern		
Assortment:	Orange, Gray	Purchase Order Number:	MP00018785
SKU/style No.:	CTLS019-GY, CTLS019-OR / CTLS019	Toy Co./Agency:	-
Factory/Supplier/Vendor:	UDP012935	Country of Origin:	China
Country of Distribution:	United States, Canada	Labeled Age Grade:	-
Quantity Submitted:	6 pcs per style + 1 lot Dry paint	Recommended Age Grade:	-
Testing Period:	03/26/2019 – 04/03/2019	Tested Age Grade:	-

### OVERALL RESULT:

 **PASS**

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

QIMA Testing (HK) Limited



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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	Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content
PASS	Canadian Products Containing Mercury Regulations (SOR/2014-254), Total Mercury in Battery <sup>#</sup>
PASS	Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin <sup>#</sup>

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**DETAILED RESULTS:****Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings**

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	<b>90</b>
Total Mercury (Hg)	ND	ND	---	---	---	<b>10</b>
<b>Conclusion</b>	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.

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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	<b>90</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	10	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	<b>90</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13	14	15	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	<b>90</b>
<b>Conclusion</b>	PASS	PASS	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 = 20 mg/kg)

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

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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.	16	17	18	19	20	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	<b>90</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	21	22	---	---	---	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	---	---	---	<b>90</b>
<b>Conclusion</b>	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 = 20 mg/kg)

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

**Remark:**

By client's request, Specimen No. 23 was not conducted for this section.

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**DETAILED RESULTS:****Canadian Products Containing Mercury Regulations (SOR/2014-254), Total Mercury in Battery**

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

Specimen No.	26	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Mercury (Hg)	2	---	---	---	---	<b>5</b>
<b>Conclusion</b>	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 = 1 ppm)

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**DETAILED RESULTS:****Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin#**

Section	Requirement	Conclusion
2	Country of Origin Markings	PASS

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**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black coating	On body (all styles)
2	White coating	Logo (all styles)
3	Gray plastic	Ring of body (gray style)
4	Orange plastic	Ring of body (orange style)
5	Black plastic	Lid/ front ring (all styles)
6	Transparent plastic	Lens (all styles)
7	White plastic	Inner body (all styles)
8	Dull white plastic	Body (all styles)
9	Dull black plastic	Battery compartment/ inner body (all styles)
10	Matt black plastic	Inner button (all styles)
11	Dull gray plastic	Lid (gray style)
12	Dull orange plastic	Lid (orange style)
13	Matt gray PVC	Body (gray style)
14	Matt orange PVC	Body (orange style)
15	Silvery plated translucent plastic	LED holder (all styles)
16	Clear soft plastic	LED (all styles)
17	Black soft plastic	Button/ ring (all styles)
18	Silvery metal	Button holder (all styles)
19	Dull silvery metal	Screw (all styles)
20	Matt silvery metal	Handle (all styles)
21	Bright silvery metal	Magnet (all styles)
22	Golden metal	Spring (all styles)
23	Dull golden metal	Inner plate (all styles)
26	Silvery battery	Battery (all styles)

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**SAMPLE PHOTO:**



-End Report-