



# TEST REPORT

Test Report # 17H-006645 Date of Report Issue: August 24, 2017  
 Date of Sample Received: August 17, 2017 Pages: Page 1 of 8

## CLIENT INFORMATION:

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



## SAMPLE INFORMATION:

Description: Twist Highlighter-Pen Combo  
 Assortment: - Purchase Order Number: 1578  
 Item No.: 55858 Country of Origin: China  
 Country of Distribution: United States, Canada Labeled Age Grade: -  
 Quantity Submitted: 5 pcs (Silver), 4 pcs (Blue, Black, Red) Recommended Age Grade: -  
 Testing Period: 08/17/2017 – 08/24/2017 Tested Age Grade: -

## OVERALL RESULT:

**Q PASS**

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

ANSECO GROUP (HK) LIMITED



Loska Yeung Lok Ka  
 Assistant Manager, 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	Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195 SOR/2016-302, Item 23 Total Lead and Mercury in Paints and Surface Coatings

**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.	1a	2a	3a	4a	5a	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	<b>90</b>
<b>Conclusion</b>	PASS	PASS	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.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1a	Blue coating	Blue ABS plastic barrel & cap (blue style)
2a	Silvery coating	Silver ABS plastic barrel & cap (silver style)
3a	Black coating	Black ABS plastic barrel & cap (black style)
4a	Red coating	Red ABS plastic barrel & cap (red style)
5a	Silvery coating	Silver ABS plastic gripper (blue/ black/ red styles)

**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.	1a	2a	3a	4a	5a	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	<b>90</b>
<b>Conclusion</b>	PASS	PASS	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.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1a	Blue coating	Blue ABS plastic barrel & cap (blue style)
2a	Silvery coating	Silver ABS plastic barrel & cap (silver style)
3a	Black coating	Black ABS plastic barrel & cap (black style)
4a	Red coating	Red ABS plastic barrel & cap (red style)
5a	Silvery coating	Silver ABS plastic gripper (blue/ black/ red styles)

**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.	1b	2b	3b	4b	5b	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	<b>100</b>
<b>Conclusion</b>	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	---	---	---	---	<b>100</b>
<b>Conclusion</b>	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 No. 2b (Silver ABS plastic barrel & cap (silver style)) is same material as Specimen No. 1b.  
 Specimen No. 3b (Black ABS plastic barrel & cap (black style)) is same material as Specimen No. 1b.  
 Specimen No. 4b (Red ABS plastic barrel & cap (red style)) is same material as Specimen No. 1b.  
 Specimen No. 5b (Silver ABS plastic gripper (blue/ black/ red styles)) is same material as Specimen No. 1b.  
 Specimen No. 6 (Black ABS plastic gripper (silver style)) is same material as Specimen No. 1b.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1b	Black plastic	Blue ABS plastic barrel & cap (blue style)
2b	Black plastic	Silver ABS plastic barrel & cap (silver style)
3b	Black plastic	Black ABS plastic barrel & cap (black style)
4b	Black plastic	Red ABS plastic barrel & cap (red style)
5b	Black plastic	Silver ABS plastic gripper (blue/ black/ red styles)
6	Black plastic	Black ABS plastic gripper (silver style)

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**DETAILED RESULTS:****Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195 SOR/2016-302, 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.	1a	2a	3a	4a	5a	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	<b>90</b>
Total Mercury (Hg)	ND	ND	ND	ND	ND	<b>10</b>
<b>Conclusion</b>	PASS	PASS	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.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1a	Blue coating	Blue ABS plastic barrel & cap (blue style)
2a	Silvery coating	Silver ABS plastic barrel & cap (silver style)
3a	Black coating	Black ABS plastic barrel & cap (black style)
4a	Red coating	Red ABS plastic barrel & cap (red style)
5a	Silvery coating	Silver ABS plastic gripper (blue/ black/ red styles)

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**SAMPLE PHOTO:**



-End Report-

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