



# TEST REPORT

Test Report # 17H-005965 Date of Report Issue: July 28, 2017  
 Date of Sample Received: July 20, 2017 Pages: Page 1 of 13

## CLIENT INFORMATION:

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



## SAMPLE INFORMATION:

Description:	Litt Pen	Purchase Order Number:	1529
Assortment:	-	Country of Origin:	China
Item No.:	55854	Labeled Age Grade:	-
Country of Distribution:	United States, Canada	Recommended Age Grade:	-
Quantity Submitted:	6 pcs per style	Tested Age Grade:	-
Testing Period:	07/21/2017 – 07/28/2017		

## OVERALL RESULT:

**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	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	US Public Law 104-142 Title II, Mercury-Containing Battery Management Act <sup>#</sup>
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.	3a	4a	5a	6a	7a	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	9a	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	90
<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.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
3a	Black coating	Black ABS plastic barrel (black style)
4a	Blue coating	Blue ABS plastic barrel (blue style)
5a	Green coating	Green ABS plastic barrel (green style)
6a	Red coating	Red ABS plastic barrel (red style)
7a	Silvery coating	Silver ABS plastic barrel (silver style)
9a	Bright silvery coating	Chrome plastic tip (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	4a	5a	6a	7a	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	

Specimen No.	9a	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	<b>90</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.



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**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
3a	Black coating	Black ABS plastic barrel (black style)
4a	Blue coating	Blue ABS plastic barrel (blue style)
5a	Green coating	Green ABS plastic barrel (green style)
6a	Red coating	Red ABS plastic barrel (red style)
7a	Silvery coating	Silver ABS plastic barrel (silver style)
9a	Bright silvery coating	Chrome plastic tip (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	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.	6b	7b	8	9b	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	<b>100</b>
<b>Conclusion</b>	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 No. 4b (Blue ABS plastic barrel (blue style)) is same material as Specimen No. 3b.

Specimen No. 5b (Green ABS plastic barrel (green style)) is same material as Specimen No. 3b.

Specimen No. 6b (Red ABS plastic barrel (red style)) is same material as Specimen No. 3b.

Specimen No. 7b (Silver ABS plastic barrel (silver style)) is same material as Specimen No. 3b.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Translucent plastic	Clear plastic cap (all styles)
2	Black soft plastic	Black soft plastic stylus (all styles)
3b	Grey plastic	Black ABS plastic barrel (black style)
4b	Grey plastic	Blue ABS plastic barrel (blue style)
5b	Grey plastic	Green ABS plastic barrel (green style)
6b	Grey plastic	Red ABS plastic barrel (red style)
7b	Grey plastic	Silver ABS plastic barrel (silver style)
8	Dull black soft plastic	Black rubber grip (all styles)
9b	White plastic	Chrome plastic tip (all styles)

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**DETAILED RESULTS:****CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)**

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		2	8	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (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
Di-n-octyl phthalate (DnOP)	117-84-0	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
<b>Conclusion</b>		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.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
2	Black soft plastic	Black soft plastic stylus (all styles)
8	Dull black soft plastic	Black rubber grip (all styles)



**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 No.		2	8	---	---	
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
<b>Conclusion</b>		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
2	Black soft plastic	Black soft plastic stylus (all styles)
8	Dull black soft plastic	Black rubber grip (all styles)

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**DETAILED RESULTS:****US Public Law 104-142 Title II, Mercury-Containing Battery Management Act**Test Method: AI | ANSECO Method<sup>#</sup>

Analytical Method: Atomic Absorption Spectrometry with Cold-Vapor Technique

Button cells

Specimen No.	10	---	---	---	---	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	---	---	---	---	<b>25</b>
<b>Conclusion</b>	PASS	---	---	---	---	

*Note:*

mg/cell = Milligrams per cell

LT = Less than

ND = Not detected (Reporting Limit = 1 mg/cell)

**SPECIMEN DESCRIPTION:**

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

**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.	3a	4a	5a	6a	7a	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	

Specimen No.	9a	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	<b>90</b>
Total Mercury (Hg)	ND	---	---	---	---	<b>10</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.



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**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
3a	Black coating	Black ABS plastic barrel (black style)
4a	Blue coating	Blue ABS plastic barrel (blue style)
5a	Green coating	Green ABS plastic barrel (green style)
6a	Red coating	Red ABS plastic barrel (red style)
7a	Silvery coating	Silver ABS plastic barrel (silver style)
9a	Bright silvery coating	Chrome plastic tip (all styles)

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**SAMPLE PHOTO:**



-End Report-