



TEST REPORT

Test Report # 18H-006436 Date of Report Issue: August 29, 2018
 Date of Sample Received: August 21, 2018 Pages: Page 1 of 6

CLIENT INFORMATION:

Company: Pen Company of America
 Recipient: Colleen Shea
 Recipient Email: Colleen.shea@pencoamerica.com



SAMPLE INFORMATION:

Description:	Composite Black, Dk Blue, Neon Yellow Hi Impact		
Assortment:	-	Purchase Order Number:	081518-3
SKU/style No.:	300/303/315/23	Toy Co./Agency:	-
Factory/Supplier/Vendor:	Pen Company of America	Country of Origin:	-
Country of Distribution:	-	Labeled Age Grade:	-
Quantity Submitted:	5 pcs per style	Recommended Age Grade:	-
Testing Period:	08/23/2018 – 08/29/2018	Tested Age Grade:	-

OVERALL RESULT:



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	California Proposition 65, Total Lead and Cadmium in Substrate Materials
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

**DETAILED RESULTS:****California Proposition 65, Total Lead and Cadmium in Substrate Materials**

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	---	---	---	---	75
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 = 20 ppm)

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

Remark:

The specification is quoted from client's requirement.

**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.		1+2+3	---	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	---	---	---	1000
Conclusion		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 = 120 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	Black plastic	Parts (black style)
2	Blue plastic	Parts (blue style)
3	Yellow plastic	Parts (yellow style)

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SAMPLE PHOTO:



-End Report-