



TEST REPORT

Test Report # 18H-006441 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: Greg Shea
 Recipient Email: greg.shea@pencoamerica.com



SAMPLE INFORMATION:

Description: RevMark Permanent Marker
 Assortment: Black, Blue and Red Purchase Order Number: -
 SKU/style No.: Standard and Ultra Fine Markers Toy Co./Agency: -
 Factory/Supplier/Vendor: - Country of Origin: United States
 Country of Distribution: United States Labeled Age Grade: -
 Quantity Submitted: 5 pcs per style + 1 lot Dry paint Recommended Age Grade: -
 Testing Period: 08/23/2018 – 08/29/2018 Tested Age Grade: -

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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The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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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 | 4+5 | 6+7 | --- | --- | Total Limit (ppm) |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | |
| Total Cadmium (Cd) | ND | ND | ND | --- | --- | 75 |
| Total Lead (Pb) | ND | ND | ND | --- | --- | 100 |
| Conclusion | PASS | PASS | 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 | 4+5 | 6+7 | --- | Limit (ppm) |
|------------------------------------|--------------------------|--------------|--------------|--------------|--------------|-------------|
| Test Item | CAS No. | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | |
| Dibutyl phthalate (DBP) | 84-74-2 | ND | ND | ND | --- | 1000 |
| Benzyl butyl phthalate (BBP) | 85-68-7 | ND | ND | ND | --- | 1000 |
| Di-(2-ethylhexyl) phthalate (DEHP) | 117-81-7 | ND | ND | ND | --- | 1000 |
| Diisononyl phthalate (DINP) | 28553-12-0 68515-48-0 | ND | ND | ND | --- | 1000 |
| Diisodecyl phthalate (DIDP) | 26761-40-0 68515-49-1 | ND | ND | ND | --- | 1000 |
| Di-n-hexyl phthalate (DnHP) | 84-75-3 | ND | ND | ND | --- | 1000 |
| Conclusion | | PASS | 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 = 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.

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|--------------|-------------------------------|----------------------------------|
| 1 | Black plastic | Cap/ end of marker (black style) |
| 2 | Red plastic | Cap (red style) |
| 3 | Blue plastic | Cap/ end of marker (blue style) |
| 4 | Black printed gray plastic | Body (black style) |
| 5 | Blue printed gray plastic | Body (blue style) |
| 6 | Red printed off white plastic | Body (red style) |
| 7 | Dull white plastic | Nib (red style) |



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SAMPLE PHOTO:



-End Report-

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