



TEST REPORT

Test Report # 22H-005683 Date of Report Issue: August 18, 2022

Date of Sample Received: August 12, 2022 Pages: Page 1 of 17

CLIENT INFORMATION:

Company: Numo Manufacturing
Recipient: Rebecca Williams

Recipient Email: rwilliams@numomfg.com



SAMPLE INFORMATION:

Description: JOTTER PENS

Assortment:

SKU/style No.:

- Toy Co./Agency:

- Country of Distribution:

Quantity Submitted:

- Purchase Order Number:

- Cou/Agency:

- Country of Origin:

- Labeled Age Grade:

- Recommended Age Grade:

- Recommended Age Grade:

Testing Period: 08/12/2022 – 08/18/2022 Tested Age Grade: -

OVERALL RESULT:

PASS

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

QIMA Testing (HK) Limited



Loska Yeung Lok Ka Assistant Manager, Chemical Laboratory

QIMA Testing (HK) Limited • 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China • Tel: (852)3185 8000.

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally. Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.



Test Report #: 22H-005683 Page 2 of 17

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	Client's Requirement, Total Cadmium in Paints and Similar Surface Coatings
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	Client's Requirement, Total Cadmium in Substrate Materials
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally. Test(s) marked with ' ϕ ' was subcontracted to external laboratory.



Test Report #: 22H-005683 Page 3 of 17

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.	1+2+3					Total
Test Item	Result	Result	Result	Result	Result	Limit
rest item	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Total Lead (Pb)	ND					90
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.

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally. Test(s) marked with ' ϕ ' was subcontracted to external laboratory.



Test Report #: 22H-005683 Page 4 of 17

DETAILED RESULTS:

Client's Requirement, Total Cadmium in Paints and Similar Surface Coatings

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3					
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Cadmium (Cd)	ND					40
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.

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally. Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.



Test Report #: 22H-005683 Page 5 of 17

DETAILED RESULTS:

CPSIA Section 101, Total Lead in Substrate Materials

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.	4+5+6	7+8+9	10+11+12	13+14+15	16+17+18	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	19+20+21	22+23+24	25+26+27	28+29+30	31+32+33	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	34+35+36	37+38+39	40+41+42	43+44+45	46+47+48	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	49+50					Total
Test Item	Result	Result	Result	Result	Result	Limit
rest item	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
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.

QIMA Testing (HK) Limited • 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China • Tel: (852)3185 8000.

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB)

according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.



Test Report #: 22H-005683 Page 6 of 17

DETAILED RESULTS:

Client's Requirement, Total Cadmium in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	4+5+6	7+8+9	10+11+12	13+14+15	16+17+18	
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	19+20+21	22+23+24	25+26+27	28+29+30	31+32+33	
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	34+35+36	37+38+39	40+41+42	43+44+45	46+47+48	
Test Item	Result	Result	Result	Result	Result	Limit
	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	49+50					
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Cadmium (Cd)	ND					40
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.

QIMA Testing (HK) Limited * 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China * Tel: (852)3185 8000. The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB)

according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.



Test Report #: 22H-005683 Page 7 of 17

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	lo.	1+2+3	4+5+6	7+8+9	10+11+12	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

Remark:

The specification is quoted from client's requirement.

according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.



Test Report #: 22H-005683 Page 8 of 17

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	Specimen No.		16+17+18	19+20+21	22+23+24	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

Remark:

The specification is quoted from client's requirement.

according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.



Test Report #: 22H-005683 Page 9 of 17

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		25+26+27	28+29+30	31+32+33	34+35+36	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

Remark:

The specification is quoted from client's requirement.

according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.



Page 10 of 17 Test Report #: 22H-005683

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4

Gas Chromatography with Mass Spectrometry Analytical Method:

Specimen No.		37+38+39	40+41+42	43+44+45	46+47+48	Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % w/w (Percent by weight)

ND = Not detected (Reporting Limit = 300 mg/kg)

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

Remark:

The specification is quoted from client's requirement.

according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally. Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.



Test Report #: 22H-005683 Page 11 of 17

DETAILED RESULTS:

16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	lo.	1+2+3	4+5+6	7+8+9	10+11+12	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-N-Hexyl Phthalate (DHEXP / Dnhp)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per Kilogram) = ppm (Parts per Million) = 0.0001 % w/w (Percent by Weight) LT = Less Than

ND = Not Detected (Reporting Limit = 300 mg/kg)

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

and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test intern Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

CS-HK-RE005



Test Report #: 22H-005683 Page 12 of 17

DETAILED RESULTS:

16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	lo.	13+14+15	16+17+18	19+20+21	22+23+24	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-N-Hexyl Phthalate (DHEXP / Dnhp)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per Kilogram) = ppm (Parts per Million) = 0.0001 % w/w (Percent by Weight) LT = Less Than

ND = Not Detected (Reporting Limit = 300 mg/kg)

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

Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

CS-HK-RE005



Test Report #: 22H-005683 Page 13 of 17

DETAILED RESULTS:

16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	lo.	25+26+27	28+29+30	31+32+33	34+35+36	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-N-Hexyl Phthalate (DHEXP / Dnhp)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per Kilogram) = ppm (Parts per Million) = 0.0001 % w/w (Percent by Weight) LT = Less Than

ND = Not Detected (Reporting Limit = 300 mg/kg)

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



Test Report #: 22H-005683 Page 14 of 17

DETAILED RESULTS:

16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		37+38+39	40+41+42	43+44+45	46+47+48	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-N-Hexyl Phthalate (DHEXP / Dnhp)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per Kilogram) = ppm (Parts per Million) = 0.0001 % w/w (Percent by Weight) LT = Less Than

ND = Not Detected (Reporting Limit = 300 mg/kg)

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



Test Report #: 22H-005683 Page 15 of 17

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Golden coating	On plunge/ barrel/ tip/ clip (gold style)
2	Silvery coating	On plunge/ barrel/ tip/ clip (silver style)
3	Bronze coating	On plunge/ barrel/ tip (bronze style)
4	Red plastic	Plunge/ tip (red style)
5	Dull red plastic	Clip/ barrel (red style)
6	Magenta plastic	Plunge/ tip (plum red style)
7	Dull magenta plastic	Clip/ barrel (plum red style)
8	Light pink plastic	Plunge/ tip (light pink style)
9	Dull light pink plastic	Clip/ barrel (light pink style)
10	Sharp pink plastic	Plunge/ tip (hot pink style)
11	Dull sharp pink plastic	Clip/ barrel (hot pink style)
12	Orange plastic	Plunge/ tip (orange style)
13	Dull orange plastic	Clip/ barrel (orange style)
14	Light yellow plastic	Plunge/ tip (cream yellow style)
15	Pale yellow plastic	Clip/ barrel (cream yellow style)
16	Light green plastic	Plunge/ tip (electric lime style)
17	Dull light green plastic	Clip/ barrel (electric lime style)
18	Green plastic	Plunge/ tip (green style)
19	Dull green plastic	Clip/ barrel (green style)
20	Dark green plastic	Plunge/ tip (army green style)
21	Deep green plastic	Clip/ barrel (army green style)
22	Turquoise plastic	Plunge/ tip (teal style)
23	Dull turquoise plastic	Clip/ barrel (teal style)
24	Blue plastic	Plunge/ tip (aqua style)
25	Dull blue plastic	Clip/ barrel (aqua style)
26	Deep blue plastic	Plunge/ tip (blue style)
27	Dull deep blue plastic	Clip/ barrel (blue style)

QIMA Testing (HK) Limited \bullet 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China \bullet Tel: (852)3185 8000. The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally. Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

This test report may not be reproduced in whole or in part, without written approval of QIMA Testing (HK) Limited.



Test Report #: 22H-005683 Page 16 of 17

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
28	Navy plastic	Plunge/ tip (navy style)
29	Dull navy plastic	Clip/ barrel (navy style)
30	Pale blue plastic	Plunge/ tip (pale blue style)
31	Dull pale blue plastic	Clip/ barrel (pale blue style)
32	Light purple plastic	Plunge/ tip (lavender style)
33	Dull light purple plastic	Clip/ barrel (lavender style)
34	Deep purple plastic	Plunge/ tip (purple style)
35	Dull deep purple plastic	Clip/ barrel (purple style)
36	Flat pink plastic	Plunge/ tip (purplish pink style)
37	Dull flat pink plastic	Clip/ barrel (purplish pink style)
38	Black plastic	Plunge/ tip (black style)
39	Dull black plastic	Clip/ barrel (black style)
40	White plastic	Plunge/ tip (white style)
41	Dull white plastic	Clip/ barrel (white style)
42	Grey plastic	Plunge/ tip (gray style)
43	Dull grey plastic	Clip/ barrel (gray style)
44	Deep yellow plastic	Plunge/ barrel/ tip/ clip (gold style)
45	Dull silvery plastic	Plunge/ barrel/ tip/ clip (silver style)
46	Brown plastic	Plunge/ tip (brown style)
47	Dull brown plastic	Clip/ barrel (brown style)
48	Beige plastic	Plunge/ barrel/ clip/ tip (bronze style)
49	Black ink	Ink (all styles except cream yellow style)
50	Yellow ink	Ink (cream yellow style)



Test Report #: 22H-005683 Page 17 of 17

SAMPLE PHOTO:



-End Report-