

TEST REPORT

Company: Numo Manufacturing
Recipient: Chris Van Meter
Recipient Email: cvanmeter@numomfg.com
cc to Email: -

Test Report # 13H-03587
Date of Issue: November 28, 2013
Pages: Page 1 of 7
Date Received: November 23, 2013

SAMPLE INFORMATION:

Description: Plastic Water bottles and Lids
Assortment: - Purchase Order Number: -
SKU/style No.: - Toy Co./Agency: -
Factory/Supplier/Vendor: Numo Manufacturing Country of Origin: United States
Country of Distribution: United States Labeled Age Grade: -
Quantity Submitted: 1 lot Recommended Age Grade: -
Testing Period: 11/23/2013 – 11/28/2013 Tested Age Grade: -

OVERALL RESULT:

PASS

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	Client's Requirement, Total Cadmium Content in Substrate Materials
PASS	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DEHP, DBP, BBP, DIDP, DnHP)

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
Manager, Chemical Laboratory

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DETAILED RESULTS:

CPSIA Section 101, Total Lead in Substrate Materials

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-E1002-08.2 (Non-Metal)]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 20	LT 20	LT 20	LT 20	LT 20	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	---	---	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 20	LT 20	---	---	---	100
Conclusion	PASS	PASS	---	---	---	

Note:

Pb = Lead
 mg/kg = Milligram per kilogram
 LT = Less Than

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DETAILED RESULTS:

Client's Requirement, Total Cadmium Content in Substrate Materials

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 20	LT 20	LT 20	LT 20	LT 20	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	---	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 20	LT 20	---	---	---	40
Conclusion	PASS	PASS	---	---	---	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

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DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DINP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	---	---	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	---	---	---	0.1
BBP	LT 0.012	LT 0.012	---	---	---	0.1
DEHP	LT 0.012	LT 0.012	---	---	---	0.1
DnOP	LT 0.012	LT 0.012	---	---	---	0.1
DINP	LT 0.012	LT 0.012	---	---	---	0.1
DIDP	LT 0.012	LT 0.012	---	---	---	0.1
Conclusion	PASS	PASS	---	---	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

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DETAILED RESULTS:

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

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	---	---	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	---	---	---	0.1
BBP	LT 0.012	LT 0.012	---	---	---	0.1
DEHP	LT 0.012	LT 0.012	---	---	---	0.1
DIDP	LT 0.012	LT 0.012	---	---	---	0.1
DnHP	LT 0.012	LT 0.012	---	---	---	0.1
Conclusion	PASS	PASS	---	---	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
 %w/w = Percentage by weight
 LT = Less Than

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	White plastic	Water bottle (Plastic Water bottles – B378-0121 style)
2	Clear plastic	Water bottle (Plastic Water bottles – B379-0101 style)
3	Shiny white plastic	Water bottle (Plastic Water bottles – B379-0121 style)
4	Shiny black plastic	Water bottle (Plastic Water bottles – B379-0113 style)
5	Dull black plastic	Lid (Lids-B379-03 LIDS)
6	Translucent red plastic	Spout (Lids-B379-03 LIDS)
7	Translucent green plastic	Spout (Lids-B379-03 LIDS)
8	Translucent blue plastic	Spout (Lids-B379-03 LIDS)
9	Translucent black plastic	Spout (Lids-B379-03 LIDS)
10	Sharp black plastic	Mouth piece (Lids-B379-02 LIDS)
11	Grey plastic	Lid (Lids-B379-02 LIDS)
12	Pink plastic	Lid (Lids-B379-02 LIDS)
13	Red plastic	Lid (Lids-B379-02 LIDS)
14	Blue plastic	Lid (Lids-B379-02 LIDS)
15	Green plastic	Lid (Lids-B379-02 LIDS)
16	Translucent plastic	Mouth piece (Lids-B378-03 LIDS)
17	Transparent blue plastic	Lid (Lids-B378-03 LIDS)
18	Transparent red plastic	Lid (Lids-B378-03 LIDS)
19	Transparent green plastic	Lid (Lids-B378-03 LIDS)
20	Shiny black plastic	Lid (Lids-B378-03 LIDS)
21	Transparent plastic	Lid (Lids-B378-03 LIDS)

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SAMPLE PHOTO:



-End Report-

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