

TEST REPORT

Company: Numo Manufacturing
 Recipient: Rebecca Williams
 Recipient Email: rwilliams@numomfg.com
 cc to Email: -

Test Report # 15H-00449
 Date of Issue: January 28, 2015
 Pages: Page 1 of 7
 Date Received: January 23, 2015

SAMPLE INFORMATION:

Description: ECO - SCUBA ~ Black, Kelly, Forest, Orange, Royal, Grey, White, Yellow, Red, Navy, Purple, Lime
 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 pc per style Recommended Age Grade: -
 Testing Period: 01/23/2015 – 01/28/2015 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 in Substrate Materials
PASS	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
 Manager, Chemical Laboratory

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 # Test is not covered under ACLASS (Certificate # AT-1500) accredited listed scope.*

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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-E1001-08.2 (Metal) and/or CPSC-CH-E1002-08.2 (Non-Metal)]

Specimen No.	1	2+3+4	5+6+7	8+9+10	11+12	Limit Total (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Pb	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	13+14	---	---	---	---	Limit Total (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Pb	ND	---	---	---	---	100
Conclusion	PASS	---	---	---	---	

Note:

Pb = Lead

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20ppm)

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

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DETAILED RESULTS:

Client's Requirement, Total Cadmium in Substrate Materials

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

Specimen No.	1	2+3+4	5+6+7	8+9+10	11+12	Limit
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Total (ppm)
Total Cd	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	13+14	---	---	---	---	Limit
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Total (ppm)
Total Cd	ND	---	---	---	---	40
Conclusion	PASS	---	---	---	---	

Note:

Cd = Cadmium

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20ppm)

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

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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	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
DBP	ND	ND	ND	ND	ND	1000
BBP	ND	ND	ND	ND	ND	1000
DEHP	ND	ND	ND	130	ND	1000
DnOP	ND	ND	ND	ND	ND	1000
DINP	ND	ND	ND	ND	ND	1000
DIDP	ND	ND	ND	ND	ND	1000
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	13+14	---	---	---	---	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
DBP	ND	---	---	---	---	1000
BBP	ND	---	---	---	---	1000
DEHP	ND	---	---	---	---	1000
DnOP	ND	---	---	---	---	1000
DINP	ND	---	---	---	---	1000
DIDP	ND	---	---	---	---	1000
Conclusion	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
 ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)
 LT = Less than
 ND = Not detected (Reporting Limit = 120ppm)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

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DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, 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	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
DBP	ND	ND	ND	ND	ND	1000
BBP	ND	ND	ND	ND	ND	1000
DEHP	ND	ND	ND	130	ND	1000
DINP	ND	ND	ND	ND	ND	1000
DIDP	ND	ND	ND	ND	ND	1000
DnHP	ND	ND	ND	ND	ND	1000
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	13+14	---	---	---	---	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
DBP	ND	---	---	---	---	1000
BBP	ND	---	---	---	---	1000
DEHP	ND	---	---	---	---	1000
DINP	ND	---	---	---	---	1000
DIDP	ND	---	---	---	---	1000
DnHP	ND	---	---	---	---	1000
Conclusion	PASS	---	---	---	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DINP = Diisononyl phthalate, DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
 ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)
 LT = Less than
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 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
1	Black foam	Main shell (all styles)
2	Red textile	Main shell (red style)
3	Orange textile	Main shell (orange style)
4	Yellow textile	Main shell (yellow style)
5	Light green textile	Main shell (lime style)
6	Green textile	Main shell (kelly style)
7	Dull green textile	Main shell (forest style)
8	Blue textile	Main shell (royal blue style)
9	Navy textile	Main shell (navy blue style)
10	Purple textile	Main shell (purple style)
11	Grey textile	Main shell (grey style)
12	White textile	Main shell (white style)
13	Black textile	Main shell (black style); Backing (red/ orange/ yellow/ lime/ kelly / forest/ royal blue/ purple/ grey/ white/ black styles)
14	Dull black textile	Backing (navy blue style)

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SAMPLE PHOTO:



-End Report-

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