



TEST REPORT

Test Report # 17H-006403 Date of Report Issue: August 9, 2017
Date of Sample Received: August 3, 2017 Pages: Page 1 of 18

CLIENT INFORMATION:

Company: BIC Graphic
Recipient: 14421 Myerlake Circle
Clearwater
Florida
33760
United States (USA)



SAMPLE INFORMATION:

Description: Hydrating Backpack (New color)
Assortment: - Purchase Order Number: 1528
Item No.: AP5014 Country of Origin: China
Country of Distribution: United States, Canada Labeled Age Grade: -
Quantity Submitted: 1 pc Recommended Age Grade: -
Testing Period: 08/03/2017 – 08/09/2017 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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TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	California Proposition 65, Total Lead in Metal / Plastic / Textile
PASS	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	Client's Requirement: Bisphenol A [#]
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets [#]
PASS	FDA 21 CFR 177.2600, Rubber

**DETAILED RESULTS:****California Proposition 65, Total Lead in Metal / Plastic / Textile**

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.	1	2	3	4	5	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	10	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	28	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13	14	15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 10 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, Total Lead in Metal / Plastic / Textile**

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.	16	17	18	19	20	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	21	22	23	24	25	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

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

Remark:

The specification is quoted from client's requirement.



Data Consolidation Reference

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
2	17H-003903	3	May 26, 2017
3	17H-003903	4	May 26, 2017
4	17H-003903	5	May 26, 2017
5	17H-003903	6	May 26, 2017
6	17H-003903	7	May 26, 2017
7	17H-003903	8	May 26, 2017
8	17H-003903	9	May 26, 2017
9	17H-003903	10	May 26, 2017
10	17H-003903	11	May 26, 2017
11	17H-003903	12	May 26, 2017
12	17H-003903	13	May 26, 2017
13	17H-003903	14	May 26, 2017
14	17H-003903	15	May 26, 2017
15	17H-003903	16	May 26, 2017
16	17H-003903	17	May 26, 2017
17	17H-003903	18	May 26, 2017
18	17H-003903	19	May 26, 2017
19	17H-003903	20	May 26, 2017
20	17H-003903	21	May 26, 2017
21	17H-003903	22	May 26, 2017
22	17H-003903	23	May 26, 2017
23	17H-003903	24	May 26, 2017
24	17H-003903	25	May 26, 2017
25	17H-003903	26	May 26, 2017

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**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Red textile	Red 420D polyester
2	Silvery printed dull black textile	Black/silver tab
3	Silvery printed gray textile	Gray trim (test fabric only)
4	Black/ white knitted textile with grey soft plastic	Black/white bungee rope
5	Matt black textile	Black trim
6	Silvery metal	Silver metal zipper pull
7	Soft black textile	Black fabric zipper pull
8	Dull gray textile	Gray fabric
9	Off black textile	Black webbing handle/straps
10	Black plastic	Black plastic clasp, buckles, D-ring (test one, report for all)
11	Black net textile	Black mesh (on back of bag)
12	Black PVC	Black plastic mesh (on shoulder strap)
13	Silvery printed grey textile	Silver reflective strip (on shoulder strap)
14	Bright black textile	Black inner lining
15	Blue plastic	Blue cap holder
16	Dull blue plastic	Blue screw adapter
17	Matt blue plastic	Blue mouth piece adapter
18	Transparent blue PVC	Blue straw
19	Soft blue plastic	Blue cap
20	Translucent white plastic	White mouthpiece cap
21	Translucent blue soft plastic	Blue mouthpiece
22	Dull translucent blue soft plastic	Blue TPU bladder
23	Translucent plastic	Clear plastic reservoir
24	Dull translucent soft plastic	Clear gasket (in cap)
25	Translucent soft plastic	Clear gasket (on blue screw adapter)

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**DETAILED RESULTS:****CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)**

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	8	12	18	
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
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
Di-n-octyl phthalate (DnOP)	117-84-0	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
Conclusion		PASS	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 = 100 ppm)

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

**DETAILED RESULTS:****CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)**

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		21	22	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	---	---	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	---	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	---	---	1000
Conclusion		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 = 100 ppm)

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

Data Consolidation Reference

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
8	17H-003903	9	May 26, 2017
12	17H-003903	13	May 26, 2017
18	17H-003903	19	May 26, 2017
21	17H-003903	22	May 26, 2017
22	17H-003903	23	May 26, 2017

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Red textile	Red 420D polyester
8	Dull gray textile	Gray fabric
12	Black PVC	Black plastic mesh (on shoulder strap)
18	Transparent blue PVC	Blue straw
21	Translucent blue soft plastic	Blue mouthpiece
22	Dull translucent blue soft plastic	Blue TPU bladder

**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	8	12	18	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
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:

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

LT = Less than

ND = Not detected (Reporting Limit = 100 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.		21	22	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	---	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	---	---	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	---	---	1000
Conclusion		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 = 100 ppm)

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

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
8	17H-003903	9	May 26, 2017
12	17H-003903	13	May 26, 2017
18	17H-003903	19	May 26, 2017
21	17H-003903	22	May 26, 2017
22	17H-003903	23	May 26, 2017

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Red textile	Red 420D polyester
8	Dull gray textile	Gray fabric
12	Black PVC	Black plastic mesh (on shoulder strap)
18	Transparent blue PVC	Blue straw
21	Translucent blue soft plastic	Blue mouthpiece
22	Dull translucent blue soft plastic	Blue TPU bladder

**DETAILED RESULTS:****Client's Requirement: Bisphenol A**Test Method: AI | ANSECO Method[#]

Analytical Method: Liquid Chromatography with Fluorescence Detection

Specimen No.	16	17	18	19	Limit (ppm)
Test Item CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A (BPA) 80-05-7	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	

Specimen No.	21	22	23	---	Limit (ppm)
Test Item CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Bisphenol A (BPA) 80-05-7	ND	ND	ND	---	ND
Conclusion	PASS	PASS	PASS	---	

Note:

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

LT = Less than

ND = Not Detected (Reporting Limit = 1 ppm)

Data Consolidation Reference

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
16	17H-003903	17	May 26, 2017
17	17H-003903	18	May 26, 2017
18	17H-003903	19	May 26, 2017
19	17H-003903	20	May 26, 2017
21	17H-003903	22	May 26, 2017
22	17H-003903	23	May 26, 2017
23	17H-003903	24	May 26, 2017



SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
16	Dull blue plastic	Blue screw adapter
17	Matt blue plastic	Blue mouth piece adapter
18	Transparent blue PVC	Blue straw
19	Soft blue plastic	Blue cap
21	Translucent blue soft plastic	Blue mouthpiece
22	Dull translucent blue soft plastic	Blue TPU bladder
23	Translucent plastic	Clear plastic reservoir

**DETAILED RESULTS:****FDA 21 CFR 177.1210, Closures with Sealing Gaskets**Test Method: FDA 21 CFR 177.1210[#]

Specimen No.			24	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (ppm)	120°F	24 hours	ND	10	50
Conclusion			PASS		

Specimen No.			25	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (ppm)	120°F	24 hours	ND	10	50
Conclusion			PASS		

Note:

Temp. = Temperature

°F = Degree Fahrenheit

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

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 177.1210 Table 2 Section 2.

Data Consolidation Reference

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
24	17H-003903	25	May 26, 2017
25	17H-003903	26	May 26, 2017

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
24	Dull translucent soft plastic	Clear gasket (in cap)
25	Translucent soft plastic	Clear gasket (on blue screw adapter)

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**DETAILED RESULTS:****FDA 21 CFR 177.2600, Rubber**

Test Method: FDA 21 CFR 177.2600

Specimen No.			21	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (mg/in ²)	Reflux	First 7 hours	ND	2	20
Distilled water extractive (mg/in ²)	Reflux	Succeeding 2 hours	ND	0.1	1
Conclusion			PASS		

Specimen No.			22	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (mg/in ²)	Reflux	First 7 hours	ND	2	20
Distilled water extractive (mg/in ²)	Reflux	Succeeding 2 hours	ND	0.1	1
Conclusion			PASS		

Note:

Temp. = Temperature

mg/in² = Milligrams per square inch

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 177.2600 (e) and 177.2600 (f).

From Client's information, rubber article was intended for repeated use in contact with aqueous food only, therefore n-hexane extractive was not conducted.

Data Consolidation Reference

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
21	17H-003903	22	May 26, 2017
22	17H-003903	23	May 26, 2017

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Test Report #

17H-006403

Pages:

Page 17 of 18

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
21	Translucent blue soft plastic	Blue mouthpiece
22	Dull translucent blue soft plastic	Blue TPU bladder

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Test Report #

17H-006403

Pages:

Page 18 of 18

SAMPLE PHOTO:



-End Report-

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