QIMA
YOUR EYES IN THE SUPPLY CHAIN

TEST REPORT

Test Report #	19W-005696-S3	Date of Report Issue:	December 6, 2019
Date of Sample Received:	April 26, 2019	Pages:	Page 1 of 61

CLIENT INFORMATION:

Company:	Spector & Co.
Address:	-

SAMPLE INFORMATION:

Description:	NOMAD MUST HAVES DUFFLE WEEKENDER DUFFLE BACKPACK
Assortment:	BACKPACK
Model/style No.:	BG206
PO No.:	-
SKU No.:	-
Item No./Item Name:	NOMADE MUST HAVE
Factory/Supplier:	USB059
Country of Origin:	China
Country of Distribution:	Canada,United States
Testing Period:	04/30/2019-05/06/2019,05/28/2019-06/06/2019,07/04/2019-07/30/2019 08/07/2019-08/13/2019,09/11/2019-09/19/2019

OVERALL RESULT:

PASS With INFORMATION

Please refer to the following pages for test result summary and appropriate notes.

QIMA (HANGZHOU) TESTING CO., LTD.

August Yuan
Operation Manager

QIMA (HANGZHOU) TESTING CO., LTD.

Kevin Lee
Technical Manager

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 Paints and Surface Coatings
PASS	+California Proposition 65, Total Lead in Substrate Materials
PASS	+Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings
PASS	+Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content
PASS	+California Proposition 65, Total Cadmium in Paints and Surface Coatings
PASS	+California Proposition 65, Total Cadmium in Substrate Materials
PASS	+California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	+CPSC 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)
PASS	+Client's Requirement, Phthalates content
PASS	+Zipper Strength
PASS	+Zipper Operability
PASS	+Seam Strength
PASS	+Client's Requirement for Static Load Test
PASS	+19 CFR 134.11, Country of Origin
PASS	+Uniform Packaging and Labeling Regulation
PASS	+Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin
PASS	+Charter of French Language, (R.S.Q., c.C-11), Province of Quebec Labeling
PASS	+Consumer Packaging and Labeling Act (R.S., 1985, c. C-38)
PASS	+Color Fastness to Crocking
PASS	+Color Fastness to Water
PASS	+Color Fastness to Light
Information only	+Dimensions
Information only	+The capacity in liters for bag
Information only	+Article Weight

TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	+Defects
PASS	+Workmanship
PASS	+SOR/2016-194 and Method F01 Flammability of Textile Products
Information only	+Fabric Weight Per Unit Area
PASS	+Tensile Strength
PASS	+Tearing Strength
PASS	+Bursting Strength
Information only	+Abrasion Resistance
PASS	+Pilling Resistance
PASS	+Shear Strength Of Hook & Loop
Information only	+Peeling Strength of Hooks
PASS	+Water Repellency-Spray Test
PASS	+Water Resistance –Rain Test
Information only	+Fiber Content

Remark:

1) As per client's request, resubmit specimen no.48 for Abrasion Resistance retest.

2) +Revised information and supersedes the previous report no. 19W-005696-S2 date: 08/28/2019

DETAILED RESULTS:

[+]California Proposition 65, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E1003-09.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	7+15	39	---	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	17	21	---	---	---	**90**
Conclusion	PASS	PASS	---	---	---	

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15mg/kg)

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.	
39	19W-009028-S2	20	December 6, 2019

DETAILED RESULTS:

[+]California Proposition 65, 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.	1+2	3	4+9+19	5+14	6+13+21	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8	10	11	12	16	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	48	44	42	34	ND	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	17	18	20+22+23	24+25+26	27	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit =15 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.

DETAILED RESULTS:

[+]California Proposition 65, 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.	28	32	33	34	35	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	37	29	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	36	37	38	40	41	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	15	36	28	ND	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit =15 mg/kg)

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
32	19W-009028-S2	9	December 6, 2019
33	19W-009028-S2	10	December 6, 2019
34	19W-009028-S2	11	December 6, 2019
35	19W-009028-S2	12	December 6, 2019
36	19W-009028-S2	17	December 6, 2019
37	19W-009028-S2	19	December 6, 2019
38	19W-009028-S2	20	December 6, 2019
40	19W-009028-S2	21	December 6, 2019
41	19W-009028-S2	22	December 6, 2019

DETAILED RESULTS:

[+]Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	7+15	39	---	---	---	**Total Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	17	21	---	---	---	**90**
Total Mercury (Hg)	ND	ND	---	---	---	**10**
Conclusion	PASS	PASS	---	---	---	

Note:
mg/kg=Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit: Pb=15 mg/kg; Hg = 10 mg/kg)
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.	
39	19W-009028-S2	20	December 6, 2019

DETAILED RESULTS:

[+]Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2	3	4+9+19	5+14	6+13+21	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8	10	11	12	16	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	48	44	42	34	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	17	18	20+22+23	24+25+26	27	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	28	33	34	35	38	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	37	29	36	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:
mg/kg=Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 15 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

[+]Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	40	41	---	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	28	ND	---	---	---	**90**
Conclusion	PASS	PASS	---	---	---	

Note:

mg/kg=Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
33	19W-009028-S2	10	December 6, 2019
34	19W-009028-S2	11	December 6, 2019
35	19W-009028-S2	12	December 6, 2019
38	19W-009028-S2	20	December 6, 2019
40	19W-009028-S2	21	December 6, 2019
41	19W-009028-S2	22	December 6, 2019

DETAILED RESULTS:

[+]California Proposition 65, Total Cadmium in Paints and Surface Coatings

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	7+15	39	---	---	---	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	---	---	---	**75**
Conclusion	PASS	PASS	---	---	---	

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
39	19W-009028-S2	20	December 6, 2019

DETAILED RESULTS:

[+]California Proposition 65, Total 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+9+19	5+14	6+13+21	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	**75**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8	10	11	12	16	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	**75**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	17	18	20+22+23	24+25+26	27	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	**75**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 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.

DETAILED RESULTS:

[+]California Proposition 65, Total Cadmium in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	28	32	33	34	35	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	**75**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	36	37	38	40	41	**Limit (mg/kg)**
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	**75**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
32	19W-009028-S2	9	December 6, 2019
33	19W-009028-S2	10	December 6, 2019
34	19W-009028-S2	11	December 6, 2019
35	19W-009028-S2	12	December 6, 2019
36	19W-009028-S2	17	December 6, 2019
37	19W-009028-S2	19	December 6, 2019
38	19W-009028-S2	20	December 6, 2019
40	19W-009028-S2	21	December 6, 2019
41	19W-009028-S2	22	December 6, 2019

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.		1+2	3	4+9+19	5+14	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 150 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.

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.		6+13+21	7+15	20+22+23	24+25+26	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 150 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.

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.		27	28	33	39	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
33	19W-009028-S2	10	December 6, 2019
39	19W-009028-S2	20	December 6, 2019

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

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
41	19W-009028-S2	22	December 6, 2019

DETAILED RESULTS:

[+]CPSC 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(Modified), In-House Method
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2	3	4+9+19	5+14	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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
LT = Less than
ND = Not detected (Reporting Limit = 150 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

[+]CPSC 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(Modified), In-House Method
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		6+13+21	7+15	20+22+23	24+25+26	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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
LT = Less than
ND = Not detected (Reporting Limit = 150 mg/kg)
Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

[+]CPSC 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(Modified), In-House Method
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		27	28	33	39	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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
LT = Less than
ND = Not detected (Reporting Limit = 150 mg/kg)

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
33	19W-009028-S2	10	December 6, 2019
39	19W-009028-S2	20	December 6, 2019

DETAILED RESULTS:

[+]CPSC 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(Modified), In-House Method
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		41	---	---	---	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	**1000**
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	**1000**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	**1000**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	**1000**
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	**1000**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	---	---	---	**1000**
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	---	**1000**
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	---	---	---	**1000**
Conclusion		PASS	---	---	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 150 mg/kg)

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
41	19W-009028-S2	22	December 6, 2019

DETAILED RESULTS:

[+]Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2	3	4+9+19	5+14	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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 (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	**1000**
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	**1000**
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	ND	**1000**
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	**1000**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	**1000**
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND	ND	**1000**
Conclusion		PASS	PASS	PASS	PASS	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 150 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.

DETAILED RESULTS:

[+]Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		6+13+21	7+15	20+22+23	24+25+26	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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 (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	**1000**
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	**1000**
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	ND	**1000**
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	**1000**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	**1000**
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND	ND	**1000**
Conclusion		PASS	PASS	PASS	PASS	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 150 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.

DETAILED RESULTS:

+Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		27	28	33	39	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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 (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	**1000**
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	**1000**
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND	ND	**1000**
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	**1000**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	**1000**
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND	ND	**1000**
Conclusion		PASS	PASS	PASS	PASS	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
33	19W-009028-S2	10	December 6, 2019
39	19W-009028-S2	20	December 6, 2019

DETAILED RESULTS:

+Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		41	---	---	---	**Limit (mg/kg)**
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	**1000**
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	**1000**
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	**1000**
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	**1000**
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	**1000**
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	**1000**
Di-n-octyl phthalate (DNOP)	117-84-0	ND	---	---	---	**1000**
Diethyl phthalate (DEP)	84-66-2	ND	---	---	---	**1000**
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	---	**1000**
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	---	---	---	**1000**
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	---	---	---	**1000**
Conclusion		PASS	---	---	---	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
41	19W-009028-S2	22	December 6, 2019

DETAILED RESULTS:

+Zipper Strength

Test Method: ASTM D2061-07(R2013); type: LM

Specimen No.	29	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	215.7(Tape break)	Min. 175
Resistance to Pull-Off Slider Pull (lbf)	37.0(Puller pull out)	Min.35
Resistance to Twist of Pull and Slider Test Clockwise (lb. inch) Counter-Clockwise (lb. inch)	 4.9 5.3	Min.4
Conclusion	PASS	

+Zipper Operability

Test Method: ASTM D2062-03(R2014)

Specimen No.	29	
Items	Result	Client's requirement
Chain opening (lbf)	0.5	Max. 2
Chain closing (lbf)	0.9	Max. 2
Conclusion	PASS	

Remark: It is noted that a specific sampling plan is laid down per ASTM D2061-07(R2013) & ASTM D2062-03(R2014). The above results for Zipper Strength & Zipper Operability are drawn on the 13 of tested specimens, based on the request from the applicant.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
29	19W-009028-S2	2	December 6, 2019

DETAILED RESULTS:

+Zipper Strength

Test Method: ASTM D2061-07(R2013); type: LM

Specimen No.	30	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	206.1(Elements separate)	Min. 175
Resistance to Pull-Off Slider Pull (lbf)	52.6(Puller pull out)	Min.35
Resistance to Twist of Pull and Slider Test Clockwise (lb. inch) Counter-Clockwise (lb. inch)	 5.0 4.4	Min.4
Conclusion	PASS	

+Zipper Operability

Test Method: ASTM D2062-03(R2014)

Specimen No.	30	
Items	Result	Client's requirement
Chain opening (lbf)	0.5	Max. 2
Chain closing (lbf)	0.8	Max. 2
Conclusion	PASS	

Remark: It is noted that a specific sampling plan is laid down per ASTM D2061-07(R2013) & ASTM D2062-03(R2014). The above results for Zipper Strength & Zipper Operability are drawn on the 15 of tested specimens, based on the request from the applicant.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
30	19W-009028-S2	3	December 6, 2019

DETAILED RESULTS:

[+]Seam Strength

Test Method: With reference to ASTM D 1683/D1683M-17(R2018); Instron CRE

Specimen No.	31		
Items	Client's requirement	Result	Conclusion
Seam1 (lbf)	Min. 25	153.4(F.T.S.)	PASS
Seam2 (lbf)	Min. 25	167.7(F.T.S.)	
Seam3 (lbf)	Min. 25	501.8(H.B.)	
Seam4 (lbf)	Min. 25	563.0(F.T.S.)	

Remarks: S.T.B. = Sewing Thread Breaks.
F.T.S.=Fabric tear at seam
H.B.= Handle broken

Reference Photo


Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

DETAILED RESULTS:

[+]Seam Strength

Test Method: with reference to ASTM D 1683/D1683M-11a; Instron CRE

Specimen No.	31	Client's requirement (lbf)
Items	Result (lbf)	
Side seam-big bag	53.6(S.T.B.)	Min. 25
Bottom seam-Width	81.7(S.T.B.)	Min. 25
Conclusion	PASS	-

Remarks: S.T.B. = Sewing Thread Breaks.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

DETAILED RESULTS:

[+]Client's Requirement for Static Load Test

Test Item	Test Method	Requirement	Conclusion
Static Load test	1. Visual check the normal function of the sample under test as received. 2. Place the test load on the bags with 50lbs for 2 hours. 3. Observe and record any failure, structural breakage, deformation or any other unusual change from the original state of sample.	No failure, No structural breakage, No damage and deformation.	PASS

Remark: Test results are transferred from test report no. 19W-009028-S2 date: December 6,2019

DETAILED RESULTS:

+19 CFR 134.11, Country of Origin

Specimen No.	31	---	---	---	---
Test	Observation	Observation	Observation	Observation	Observation
Country of Origin	Present on label	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

+Uniform Packaging and Labeling Regulation

Specimen No.	31	
Test	Observation	Conclusion
Declaration of Identity	The packaging contains the declaration of identity	PASS
Declaration of Responsibility	The packaging contains the declaration of responsibility	PASS

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

+Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin

Specimen No.	31	---	---	---	---
Section	Requirement	Requirement	Requirement	Requirement	Requirement
2	Present on label	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

DETAILED RESULTS:

+Charter of French Language, (R.S.Q., c.C-11), Province of Quebec Labeling

Specimen No.	31	---	---	---	---
Clause	Test	Test	Test	Test	Test
c.C-11	French Labeling	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

+Consumer Packaging and Labeling Act (R.S., 1985, c. C-38)

Specimen No.	31	---	---	---	---
Section	Requirement	Requirement	Requirement	Requirement	Requirement
10	Place of Manufacture	---	---	---	---
Conclusion	PASS	---	---	---	---

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

DETAILED RESULTS:

[+]Color Fastness to Crocking

Test Method: AATCC 8-2016

Specimen No.	31-Black shell fabric	31-Grey shell fabric	31-Stripe lining fabric	31- lining Mesh	31-back mesh	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4.0	4.5	4.5	4.5	4.5	Min. 4.0
Wet staining	4.0	4.5	4.5	4.5	4.5	Min. 2.5
Conclusion	PASS	PASS	PASS	PASS	PASS	-

Specimen No.	31-Strap	---	---	---	---	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4.5	---	---	---	---	Min. 4.0
Wet staining	4.5	---	---	---	---	Min. 2.5
Conclusion	PASS	---	---	---	---	-

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

DETAILED RESULTS:

[+]Color Fastness to Water

Test Method: AATCC 107-2013

Specimen No.	31-Black shell fabric	31-Grey shell fabric	31-Stripe lining fabric	31- lining Mesh	31-back mesh	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Change in shade	4.5	4.5	4.5	4.5	4.5	Min. 4.0
Staining on multi-fiber stripe						
-Acetate	4.5	4.5	4.0	4.5	4.5	Min. 3.5
-Cotton	4.5	4.5	4.5	4.5	4.5	Min. 3.5
-Nylon	4.5	4.5	4.0	4.5	4.5	Min. 3.5
-Polyester	4.5	4.5	4.5	4.5	4.5	Min. 3.5
-Acrylic	4.5	4.5	4.5	4.5	4.5	Min. 3.5
-Wool	4.5	4.5	4.5	4.5	4.5	Min. 3.5
Conclusion	PASS	PASS	PASS	PASS	PASS	-

Specimen No.	31-Strap	---	---	---	---	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Change in shade	4.5	---	---	---	---	Min. 4.0
Staining on multi-fiber stripe						
-Acetate	4.5	---	---	---	---	Min. 3.5
-Cotton	4.5	---	---	---	---	Min. 3.5
-Nylon	4.5	---	---	---	---	Min. 3.5
-Polyester	4.5	---	---	---	---	Min. 3.5
-Acrylic	4.5	---	---	---	---	Min. 3.5
-Wool	4.5	---	---	---	---	Min. 3.5
Conclusion	PASS	---	---	---	---	-

Remark: Grey scale rating is based on the 5-step of 1 to 5, where 1 is bad and 5 is good.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

DETAILED RESULTS:

[+]Color Fastness to Light

Test Method: AATCC 16.3-2014; Option 3; Xenon Arc Lamp.

Specimen No.	31-Black shell fabric	31-Grey shell fabric	31-Strap	---	---	Client's requirement (Grade)
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
After 20 AFU Change in shade	4.5	4.5	4.5	---	---	Min. 4.0
Conclusion	PASS	PASS	PASS	---	---	-

Remarks: Grey scale rating is based on the 5-step of 1 to 5, where 1 is bad and 5 is good.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

DETAILED RESULTS:

+Dimensions

Test Method: IHTM, Standard Measure;

Specimen No.	31	---	---	---	---	Client's requirement
Items	Result (inch)	Result (inch)	Result (inch)	Result (inch)	Result (inch)	
Length	$20\ ^{7}/_{8}$	---	---	---	---	N/A
Width	$12\ ^{2}/_{8}$	---	---	---	---	
Height	12	---	---	---	---	
Conclusion	Information only	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

DETAILED RESULTS:

+The capacity in liters for bag

Test Method: IHTM, Standard Measure;

Specimen No.	31	---	---	---	---	Client's requirement
Items	Result (liter)	Result (liter)	Result (liter)	Result (liter)	Result (liter)	
Capacity	47.7	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

+Article Weight

Test Method: IHTM 010

Specimen No.	31	---	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/piece)	958	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

DETAILED RESULTS:

[+]Defects

Test Method: ASTM D3990 - 12(2016); Visual Examination

Specimen No.	31	---	---	---	---	Requirement
Item	Result	Result	Result	Result	Result	
Observation	No major defect	---	---	---	---	Visual examination to verify noticeable defects (such as missing components, obvious knitting /weaving defects, improper functioning component).
Conclusion	PASS	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

DETAILED RESULTS:

[+]Workmanship

Test Method: IHTM; Visual Examination

Specimen No.	31	---	Requirement
Item	Result		
Observation	No major poor workmanship	---	Visual examination to verify noticeable poor Workmanship (such as: Poor sewing: Broken seam Missing stitches or Skipped / Uneven /wave stitches or stitched holes on visible area. Insecure back stitches / Uneven stitch tension / Needle chewing Misaligned seam. Poor riveting metal eyelet or other metal parts Dirty / Glue/ Scratch / Wrinkle / Pen Mark / Oil Stain / Water Stain The inside hiding thread expose. Poor electro-plating or spraying on handle metal plate Obvious Scratched mark on extendable handle or metal plate Fabric , webbing band or strap getting discoloration
Conclusion	PASS	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

DETAILED RESULTS:

[+]SOR/2016-194 and Method F01 Flammability of Textile Products

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	42				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(1)	-	DNI	-	DNI	>3.5s
(2)	-	DNI	-	DNI	
(3)	-	DNI	-	DNI	
(4)	-	DNI	-	DNI	
(5)	-	DNI	-	DNI	
(6)	-	DNI	-	DNI	
(7)	-	DNI	-	DNI	
(8)	-	DNI	-	DNI	
(9)	-	DNI	-	DNI	
(10)	-	DNI	-	DNI	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50℃ and tumble dry on the normal setting.

Burn Code Description:

DNI = Did not ignite;

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
42	19W-009028-S2	27	December 6, 2019

DETAILED RESULTS:

[+]SOR/2016-194 and Method F01 Flammability of Textile Products

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	43				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(1)	-	DNI	-	DNI	>3.5s
(2)	-	DNI	-	DNI	
(3)	-	DNI	-	DNI	
(4)	-	DNI	-	DNI	
(5)	-	DNI	-	DNI	
(6)	-	DNI	-	DNI	
(7)	-	DNI	-	DNI	
(8)	-	DNI	-	DNI	
(9)	-	DNI	-	DNI	
(10)	-	DNI	-	DNI	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50℃ and tumble dry on the normal setting.

Burn Code Description:

DNI = Did not ignite;

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
43	19W-009028-S2	28	December 6, 2019

DETAILED RESULTS:

[+]SOR/2016-194 and Method F01 Flammability of Textile Products

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	44				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(1)	-	IBE	-	IBE	>3.5s
(2)	-	IBE	-	IBE	
(3)	-	IBE	-	IBE	
(4)	-	IBE	-	IBE	
(5)	-	IBE	-	IBE	
(6)	-	IBE	-	IBE	
(7)	-	IBE	-	IBE	
(8)	-	IBE	-	IBE	
(9)	-	IBE	-	IBE	
(10)	-	IBE	-	IBE	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50℃ and tumble dry on the normal setting.

Burn Code Description:

IBE = Ignited but extinguished;

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
44	19W-009028-S2	29	December 6, 2019

DETAILED RESULTS:

+SOR/2016-194 and Method F01 Flammability of Textile Products

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	45				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(1)	15.3	-	15.0	-	>3.5s
(2)	14.2	-	14.7	-	
(3)	15.5	-	14.2	-	
(4)	15.0	-	14.6	-	
(5)	15.6	-	14.6	-	
(Avg.)	15.1	-	14.6	-	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50℃ and tumble dry on the normal setting.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
45	19W-009028-S2	30	December 6, 2019

DETAILED RESULTS:

[+]SOR/2016-194 and Method F01 Flammability of Textile Products

Test Method: CAN/CGSB-4.2 No.27.5-2008

Specimen No.	46				
Preliminary Tests	Fabric Surface	Smooth	Test Specimen Direction		Face Length
Items	Result				Client's requirement
	As Received		**After Dry-cleaning and Laundering***		
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	
(1)	18.3	-	18.2	-	>3.5s
(2)	19.2	-	18.4	-	
(3)	19.0	-	17.8	-	
(4)	18.7	-	18.9	-	
(5)	18.0	-	18.3	-	
(Avg.)	18.6	-	18.3	-	
Conclusion	PASS				

* Dry-cleaning / Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Machine wash at 50℃ and tumble dry on the normal setting.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
46	19W-009028-S2	31	December 6, 2019

DETAILED RESULTS:

+Fabric Weight Per Unit Area

Test Method: ASTM D3776/D3776M-09a(R2017),Option C;

Specimen No.	42	43	45	46	---	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/m^2)	446	554	84.1	76.6	---	N/A
(oz/yd^2)	13.2	16.3	2.48	2.26	---	N/A
Conclusion	Information only	Information only	Information only	Information only	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
42	19W-009028-S2	27	December 6, 2019
43	19W-009028-S2	28	December 6, 2019
45	19W-009028-S2	30	December 6, 2019
46	19W-009028-S2	31	December 6, 2019

+Tensile Strength

Test Method: ASTM D5034-09(R2017); Instron CRE – 1" Grab

Specimen No.	42	43	46	---	---	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	
Warp	241.0	456.8	139.0	---	---	Min. 25
Weft	198.8	287.3	113.4	---	---	Min. 25
Conclusion	PASS	PASS	PASS	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
42	19W-009028-S2	27	December 6, 2019
43	19W-009028-S2	28	December 6, 2019
46	19W-009028-S2	31	December 6, 2019

DETAILED RESULTS:

+Tearing Strength

Test Method: ASTM D1424-09(R2013) Elmendorf

Specimen No.	42	43	46	---	---	Client's requirement (lbf)
Items	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	Result (lbf)	
Warp yarns torn	10.3	>14.1	4.7	---	---	Min. 1.5
Weft yarns torn	10.4	>14.1	4.1	---	---	Min. 1.5
Conclusion	PASS	PASS	PASS	---	---	-

Note:

(1) Warp test – test in which the warp yarns are torn.
Weft test – test in which the weft yarns are torn.

(2) The maximum capacity of the tester is 14.1lbf

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
42	19W-009028-S2	27	December 6, 2019
43	19W-009028-S2	28	December 6, 2019
46	19W-009028-S2	31	December 6, 2019

+Bursting Strength

Test Method: ASTM D3786/D3786M-18; Mullen Bursting Tester

Specimen No.	45	---	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
Bursting Strength (P.S.I.)	121	---	---	---	---	Min. 40
Conclusion	PASS	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
45	19W-009028-S2	30	December 6, 2019

DETAILED RESULTS:

+Abrasion Resistance

Test Method: ASTM D4966-12$^{\varepsilon 1}$, Option 1; Martindale Wear & Abrasion Tester; 12kPa Pressure

Specimen No.	42	43	---	---	---	Client's requirement (rubs)
Items	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	
End point	>10000	>10000	---	---	---	10000
Conclusion	PASS	PASS	---	---	---	-

Specimen No.	48*	---	---	---	---	Client's requirement (rubs)
Items	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	Result (rubs)	
End point	9300	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	-

Remark: *: just mention that the Abrasion Resistance- back mesh was done on 9300rubs

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
42	19W-009028-S2	27	December 6, 2019
43	19W-009028-S2	28	December 6, 2019
48	19W-009028-S2	33	December 6, 2019

DETAILED RESULTS:

[+]Pilling Resistance

Test Method: ASTM D3512/D3512M-16; After 30 min. tumbling in Random tumble Pilling Tester

Specimen No.	42	43	44	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
As received Rating	4.5	4.5	4.5	---	---	> 3.5
Conclusion	PASS	PASS	PASS	---	---	-

Remarks: Pilling Rating

5	No pilling
4	Slight pilling
3	Moderate pilling
2	Severe pilling
1	Very severe pilling

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
42	19W-009028-S2	27	December 6, 2019
43	19W-009028-S2	28	December 6, 2019
44	19W-009028-S2	29	December 6, 2019

DETAILED RESULTS:

+Shear Strength Of Hook & Loop

Test Method: ASTM D5169-98(R2015);

Specimen No.	47		Client's requirement
Items	Result		
	Original (Kpa)	After 5000 cycles (Kpa)	
Mean Shear Strength	124	96	Min. 65(Kpa)
Conclusion	PASS	PASS	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
47	19W-009028-S2	32	December 6, 2019

+Peeling Strength of Hooks

Test Method: ASTM D5170-98(R2015); Effective width 1 inch

Specimen No.	47		Client's requirement
Items	Result		
	Original (lbf)	After 5000 cycles (lbf)	
Mean Peel Strength	2.8	1.8	N/A
Conclusion	Information only	Information only	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
47	19W-009028-S2	32	December 6, 2019

DETAILED RESULTS:

[+]Water Repellency-Spray Test

Test Method: AATCC 22-2017; Spray Test – Tested under controlled condition, water temperature: 27±1°C

Specimen No.	42			Client's requirement
Items	Result			
	Specimen 1#	Specimen 2#	Specimen 3#	
As received Rating	90	90	90	Min. 90
Conclusion	PASS			-

Specimen No.	43			Client's requirement
Items	Result			
	Specimen 1#	Specimen 2#	Specimen 3#	
As received Rating	100	100	100	Min. 90
Conclusion	PASS			-

Remarks: Spray Rating

100	No sticking or wetting of specimen face
90	Slight random sticking or wetting of specimen face
80	Wetting of specimen face at spray points
70	Partial wetting of the specimen face beyond the spray points
50	Complete wetting of the entire specimen face beyond the spray points
0	Complete wetting of the entire face of the specimen

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
42	19W-009028-S2	27	December 6, 2019
43	19W-009028-S2	28	December 6, 2019

DETAILED RESULTS:

[+]Water Resistance –Rain Test

Test Method: AATCC 35-2018; Rain Test-2ft head Pressure; 2-min impact

Specimen No.	42				Client's requirement
Items	Result				
	Specimen 1#	Specimen 2#	Specimen 3#	Average	
As received Weight of blotter gained (g)	0.0	0.0	0.0	0.0	Max 1.0g
Conclusion	PASS				-

Specimen No.	43				Client's requirement
Items	Result				
	Specimen 1#	Specimen 2#	Specimen 3#	Average	
As received Weight of blotter gained (g)	0.0	0.0	0.0	0.0	Max 1.0g
Conclusion	PASS				-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
42	19W-009028-S2	27	December 6, 2019
43	19W-009028-S2	28	December 6, 2019

DETAILED RESULTS:

+Fiber Content

Test Method: AATCC 20-2013

Specimen No.	31-Grey shell fabric*		
Items	Client's requirement	Result	Conclusion
Polyester (%)	N/A	100	Information only

Remark: *: Exclusive of Coating

Test Method: AATCC 20-2013

Specimen No.	31-Black shell fabric*		
Items	Client's requirement	Result	Conclusion
Polyester (%)	N/A	100	Information only

Remark: *: Exclusive of Coating

+Fiber Content

Test Method: AATCC 20-2013

Specimen No.	31-Stripe lining fabric	31-lining Mesh fabric	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
Polyester (%)	100	100	---	---	---	N/A
Conclusion	Information only	Information only	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
31	19W-009028-S2	8	December 6, 2019

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Black coated grey textile	Main body
2	Black coated black textile	Main body
3	Black synthetic leather	Handle
4	Black textile	Handle
5	Grey foam	Straps filler
6	Black plastic	Adjustable buckle
7	Black coating	Zipper head of main body
8	Silvery metal	Zipper puller of main body
9	Black textile	Zipper puller of main body
10	Silvery metal	Zipper slider of main body
11	Silvery metal	Zipper puller of inside
12	Silvery metal	Zipper slider of inside
13	Black plastic	Zipper teeth
14	White foam	Filler
15	Black coating	Cap
16	Dull silvery metal	Cap
17	Dull silvery metal	Socket
18	Dull silvery metal	Stud
19	Black textile	Zipper cloth
20	Black textile	Loop of Velcro
21	Black plastic	Hook of Velcro
22	Black textile	Lining edge
23	Black/white stripe textile	Lining
24	Black textile	Edge of straps
25	Black mesh textile	Pocket of inner
26	Black textile	Elastic of inner pocket

+SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
27	Grey soft plastic	Elastic of inner pocket
28	Black textile	Main body of straps
29	D ring black nylon zipper	Raw material
30	Silver small puller zipper	Raw material
31	Single-shoulder bag	Finished product
32	Black textile	Zipper cloth(silvery small zipper puller style)
33	Black plastic	Zipper teeth(silvery small zipper puller style)
34	Silvery metal	Zipper puller(silvery small zipper puller style)
35	Silvery metal	Zipper slider(silvery small zipper puller style)
36	Black textile	Zipper cloth(D shape style)
37	Black textile	Zipper puller(D shape style)
38	Silvery metal	Zipper puller(D shape style)
39	Black coating	Zipper head(D Shape Style)
40	Silvery metal	Zipper slider(D shape style)
41	Black plastic	Zipper teeth(D shape style)
42	Grey fabric	Raw material for shell main fabric
43	Black fabric	Raw material for shell fabric
44	Black mesh fabric	Raw material for back mesh
45	Black mesh fabric	Raw material for inner mesh
46	Stripe print fabric	Raw material for Lining
47	Velcro tape	Raw material
48+	Black mesh fabric	Raw material for back mesh

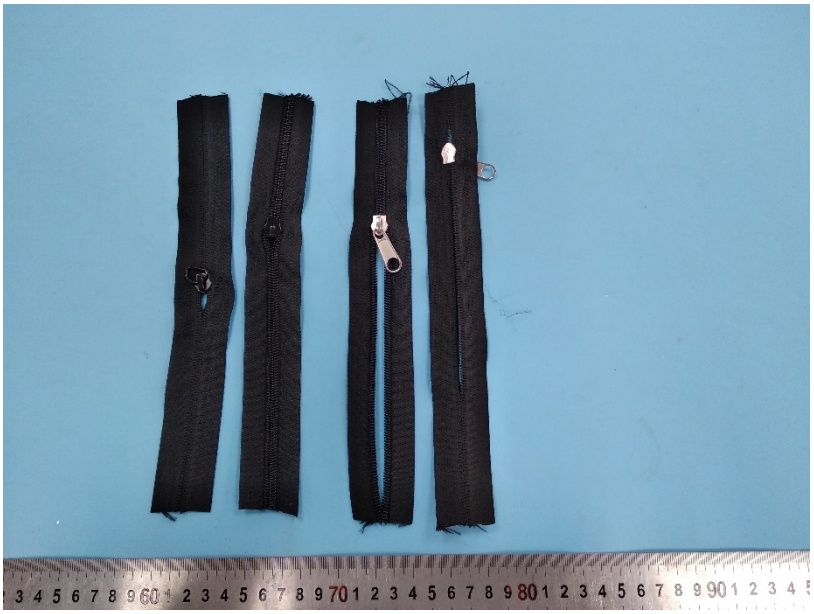
SAMPLE PHOTO:

SAMPLE PHOTO:

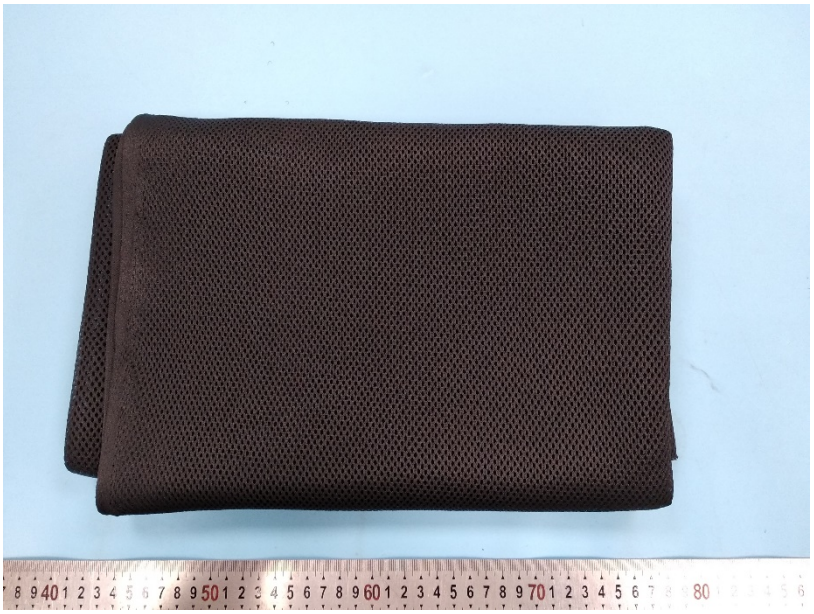
19W-005696

19W-005696

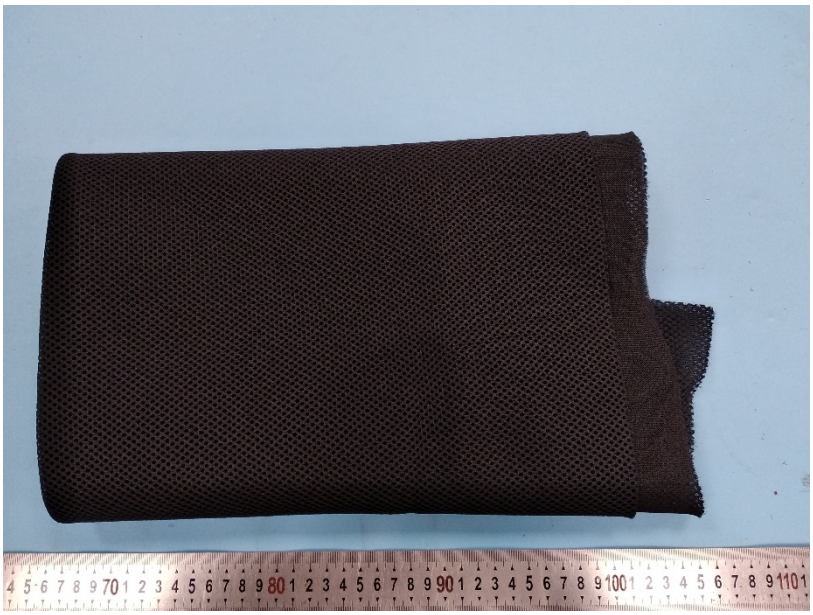
SAMPLE PHOTO:



SAMPLE PHOTO:



+SAMPLE PHOTO:



-End Report-