

TEST REPORT

Test Report # 23W-013010 Date of Report Issue: October 13, 2023

Date of Sample Received: September 11, 2023 Pages: Page 1 of 38

CLIENT INFORMATION:

Company: Spector & Co.

Address: testing@spectorandco.com

SAMPLE INFORMATION:

Description: DOUBLE BUCKLE BACKPACK WITH PU TRIMS.

Assortment: BKC

PO No.:

Item No./Name: BG123

Item Class: ASHBURY BAG

Factory/Supplier: USS163 Country of Origin: China

Country of Distribution: Canada, United States
Testing Period: 09/13/2023-09/22/2023



OVERALL RESULT:

PASS with information

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

QIMA (HANGZHOU) TESTING CO., LTD.

QIMA (HANGZHOU) TESTING CO., LTD.

eremy. Xu

Eric Liu

RC-CSHZ-R063

Lab Operation Director

Jeremy Xu

Chemical Laboratory Supervisor



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TEST RESULTS SUMMARY:

检验检测专用章

RC-CSHZ-R063

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 in Stickers, Films and Surface Coating Materials
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	Canadian Surface Coating Materials Regulations SOR/2016-193, Total Mercury in Paints and Surface Coatings
PASS	US States Requirement, Per-and Polyfluoroalkyl Substances (PFAS) Content (Total Fluorine Method)
Information only	Client's requirement, Total Nickel content
Information only	Client's Requirement, Total Tungsten content
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	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	Client's Requirement, Phthalates content
PASS	Color Fastness to Water
PASS	Color Fastness to Crocking
PASS	Color Fastness to Light
Information only	Dimensions
Information only	Article Weight
PASS	Defects
Information only	Fabric Weight Per Unit Area
PASS	Tensile Strength
PASS	Tearing Strength
PASS	Seam Strength
PASS	Bursting Strength
PASS	Abrasion Resistance
PASS	Pilling Resistance
PASS	Zipper Strength

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

The terms (esuit) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein. f it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule (https://www.gima.com/conditions-of-service#decisionRule).



检验检测专用章

RC-CSHZ-R063

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CONCLUSION	TEST(S) CONDUCTED
PASS	Zipper Operability
PASS	SOR/2016-194 and Method F01 Flammability of Textile Products
Information only	Fiber Content
PASS	19 CFR 134.11, Country of Origin
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	Client's Requirement for Static Load Test
Information only	Client-Performance Requirements-Capacity Test of Bags



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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.	3					Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND					90
Conclusion	PASS					

Note:

mg/kg =Milligrams per kilogram

LT = Less than

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

Remark:

RC-CSHZ-R063

The specification is quoted from client's requirement.

Caccimon No	Transferre	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue
3	23A-013012	3	October 13, 2023



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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.	2	4	5+8	6	7	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	21	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	9+12	10+11	13+14+15	16		Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND		100
Conclusion	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:

RC-CSHZ-R063

The specification is quoted from client's requirement.

Data Consolidation Reference:

Consisson No	Transferre	Data affansa	
Specimen No.	Report No.	Specimen No.	Date of Issue
2	23A-013012	2	October 13, 2023
5+8	23A-013012	5+7	October 13, 2023
6	23A-013012	4	October 13, 2023
7	23A-013012	6	October 13, 2023
13+14+15	23A-013012	11+12+13	October 13, 2023
16	23A-013012	8	October 13, 2023

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DETAILED RESULTS:

Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead in Stickers, Films and Surface Coating Materials

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3					Total
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Total Lead (Pb)	ND					90
Conclusion	PASS					

Note:

RC-CSHZ-R063

mg/kg=Milligrams per kilogram

LT = Less than

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

Cassimon No	Transferre	Date of Issue		
Specimen No.	Report No.	Specimen No.	Date of issue	
3	23A-013012	3	October 13, 2023	



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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.	2	3	4	5+8	6	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	7	9+12	10+11	13+14+15	16	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	21	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	17					Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND ND					90
Conclusion	PASS					

Note:

mg/kg=Milligrams per kilogram)

LT = Less than

RC-CSHZ-R063

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

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

Data Consolidation Reference:

Specimen No	Transferro	Date of Issue	
Specimen No.	Report No. Specimen N		Date of issue
2	23A-013012	2	October 13, 2023
5+8	23A-013012	5+7	October 13, 2023
6	23A-013012	4	October 13, 2023
7	23A-013012	6	October 13, 2023
13+14+15	23A-013012	11+12+13	October 13, 2023
16	23A-013012	8	October 13, 2023
17	23A-013012	14	October 13, 2023

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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.	3					Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND					75
Conclusion	PASS					

Note:

mg/kg =Milligrams per kilogram

LT = Less than

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

Remark:

RC-CSHZ-R063

The specification is quoted from client's requirement.

Cnasiman Na	Transferre	Data of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue
3	23A-013012	3	October 13, 2023



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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.	2	4	5+8	6	7	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	9+12	10+11	13+14+15	16		Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND	ND	ND	ND		75
Conclusion	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:

RC-CSHZ-R063

The specification is quoted from client's requirement.

Data Consolidation Reference:

Cnasiman Na	Transferr	Data of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue
2	23A-013012	2	October 13, 2023
5+8	23A-013012	5+7	October 13, 2023
6	23A-013012	4	October 13, 2023
7	23A-013012	6	October 13, 2023
13+14+15	23A-013012	11+12+13	October 13, 2023
16	23A-013012	8	October 13, 2023

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DETAILED RESULTS:

Canadian Surface Coating Materials Regulations SOR/2016-193, Total 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.	3					Total
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Total Mercury (Hg)	ND					10
Conclusion	PASS					

Note:

RC-CSHZ-R063

mg/kg=Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 10 mg/kg)

	Specimen No.	Transferre	Data of Issue	
		Report No.	Specimen No.	Date of Issue
	3	23A-013012	3	October 13, 2023



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DETAILED RESULTS:

US States Requirement, Per-and Polyfluoroalkyl Substances (PFAS) Content (Total Fluorine Method)

Test Method: With reference to EN 14582:2016

Analytical Method: Ion Chromatograph

Specimen No.	1	2			Limit
Test Item	Result	Result	Result	Result	(mg/kg)
restitem	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(8/8/
Per- and polyfluoroalkyl substances	ND	ND			100
(PFAS) (as total fluorine)	ND	ND			100
Conclusion	PASS	PASS			

Note:

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

LT = Less than

ND = Not Detected (Reporting Limit = 50 mg/kg)

Remarks:

RC-CSHZ-R063

The limit is referenced from California AB 652 (2021-2022) and California AB 1200 (2021-2022)

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Ī	Specimen No	Transferre	Date of Issue	
	Specimen No.	Report No.	Specimen No.	Date of issue
	1 23A-013012		1	October 13, 2023
	2	23A-013012	2	October 13, 2023



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DETAILED RESULTS:

Client's requirement, Total Nickel content

Test Method: US EPA 3052:1996 & US EPA 6010D:2014

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	4	6+7				Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Nickel (Ni)	523	365				
Conclusion	Information only	Information only				

Note:

RC-CSHZ-R063

mg/kg = Milligrams per kilogram

ND = Not detected (report limit = 30 mg/kg)

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

Cnasiman Na	Transferre	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue
6+7	23A-013012	4+6	October 13, 2023



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DETAILED RESULTS:

Client's Requirement, Total Tungsten content

Test Method: US EPA 3052:1996 & US EPA 6010D:2014

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	4	6+7				Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Tungsten (W)	31	20				
Conclusion	Information only	Information only				

Note:

RC-CSHZ-R063

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.

Cassimon No	Transferre	Date of Issue	
Specimen No.	Report No. Specimen No.		
6+7	23A-013012	4+6	October 13, 2023



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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

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	2	3	5+8	9+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
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	1	PASS	PASS	PASS	PASS	

Note:

RC-CSHZ-R063

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.

Data Consolidation Reference:

Chasiman Na	Transferre	Data of Issue		
Specimen No.	Report No.	Specimen No.	- Date of Issue	
2	23A-013012	2	October 13, 2023	
3	23A-013012	3	October 13, 2023	
5+8	23A-013012	5+7	October 13, 2023	

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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

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	10+11	13+14+15	16		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		1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND		1000
Di-(2-ethylhexyl) phthalate (DEHP)		ND	ND	ND		1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND		1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND		1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND		1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND		1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND		1000
Conclusion	1	PASS	PASS	PASS		

Note:

mg/kg = Milligrams per kilogram

LT = Less than

RC-CSHZ-R063

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

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

Data Consolidation Reference:

Caccimon No	Transferre	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue
13+14+15	23A-013012	11+12+13	October 13, 2023
16	23A-013012	8	October 13, 2023

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Test Report #: 23W-013010 Page 16 of 38

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	0.	2	3	5+8	9+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	1	PASS	PASS	PASS	PASS	

Note:

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

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:

RC-CSHZ-R063

The specification is quoted from client's requirement.

Data Consolidation Reference:

Cnasiman Na	Transferre	Date of Issue	
Specimen No.	Report No. Specimen No.		
2	23A-013012	2	October 13, 2023
3	23A-013012	3	October 13, 2023
5+8	23A-013012	5+7	October 13, 2023

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Test(s) marked with $'\phi'$ was subcontracted to external laboratory.



Test Report #: 23W-013010 Page 17 of 38

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	0.	10+11	13+14+15	16		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		1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND		1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND		1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND		1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND		1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND		1000
Conclusion	1	PASS	PASS	PASS		

Note:

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

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:

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13+14+15	23A-013012	11+12+13	October 13, 2023	
16	23A-013012	8	October 13, 2023	

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



Test Report #: 23W-013010 Page 18 of 38

DETAILED RESULTS:

Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No).	2	3	5+8	9+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 (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 % w/w (Percent by weight)

LT = Less than

RC-CSHZ-R063

ND = Not detected (Reporting Limit = 150 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.



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Data Consolidation Reference:

检验检测专用章

RC-CSHZ-R063

Specimen No.	Transferre	Date of Issue	
Specimen No.	Report No. Specimen No.		
2	23A-013012	2	October 13, 2023
3	23A-013012	3	October 13, 2023
5+8	23A-013012	5+7	October 13, 2023



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DETAILED RESULTS:

Client's Requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		10+11	13+14+15	16		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		1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND		1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND		1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND		1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND		1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND		1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND		1000
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND		1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND		1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND		1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND		1000
Conclusion		PASS	PASS	PASS		

Note.

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

LT = Less than

RC-CSHZ-R063

ND = Not detected (Reporting Limit = 150 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.



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Data Consolidation Reference:

检验检测专用章

RC-CSHZ-R063

Spacimon No.	Transferre	Data of Issue		
Specimen No.	Report No.	Specimen No.	Date of Issue	
13+14+15	23A-013012	11+12+13	October 13, 2023	
16	23A-013012	8	October 13, 2023	



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DETAILED RESULTS:

Color Fastness to Water

Test Method: AATCC 107-2022

Specimen No.	18					Client's
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	requirement
Change in shade	4.5					-
Staining on multi- fiber stripe						
-Acetate	4.0					Min. 3.5
-Cotton	4.5					Min. 3.5
-Nylon	4.0					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.

Color Fastness to Crocking

Test Method: AATCC 8-2016

RC-CSHZ-R063

Specimen No.	18					Client's
Items	Result	Result	Result	Result	Result	requirement
recinio	(Grade)	(Grade)	(Grade)	(Grade)	(Grade)	
Dry staining	3.5					Min. 3.5
Wet staining	4.0					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.

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

神e te 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. 機能機制用章 fit is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule (https://www.aima.com/conditions-of-service#decisionRule).



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DETAILED RESULTS:

Color Fastness to Light

Test Method: AATCC 16.3-2020; Option 3; Xenon Arc Lamp.

Specimen No.	18					Client's
Itoms	Result	Result	Result	Result	Result	requirement
Items	(Grade)	(Grade)	(Grade)	(Grade)	(Grade)	·
After 20 AFU Change in shade	4.5					Min. 4.0
Conclusion	PASS					-

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

Dimensions

Test Method: IHTM, Standard Measure

Specimen No.	18					
Items	Result (cm)	Result (cm)	Result (cm)	Result (cm)	Result (cm)	Requirement
Length	32.0					N/A
Width	13.0					N/A
Height	50.0					N/A
Conclusion	Information only					

Article Weight

RC-CSHZ-R063

Test Method: IHTM-TXHZ-010

Specimen No.	18				
Items	Client's requirement	Result	Conclusion		
Article Weight (g/piece)	N/A	795	Information only		



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DETAILED RESULTS:

Defects

RC-CSHZ-R063

Test Method: ASTM D3990 – 12(2020); Visual Examination

Specimen No.	18	Paguirament	
Item	Result	Requirement	
Observation	No major defect	Satisfactory	
Conclusion	PASS	-	

Fabric Weight Per Unit Area

Test Method: ASTM D3776/D3776M-20, Option C

Specimen No.	19	20	21	22	23	Client's
Items	Result	Result	Result	Result	Result	requirement
(g/m²)	241	112	172	594	187	N/A
(oz/yd²)	7.11	3.30	5.07	17.5	5.51	N/A
Conclusion	Information only	-				



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DETAILED RESULTS:

Tensile Strength

RC-CSHZ-R063

Test Method: ASTM D5034-21

Specimen No.	19	Client's
Items	Result (lbf)	requirement (lbs)
Warp	381.7	Min. 25
Weft	220.9	Min. 25
Conclusion	PASS	-

Specimen No.	20	Client's
Items	Result (lbf)	requirement (lbs)
Warp	133.5	Min. 25
Weft	184.8	Min. 25
Conclusion	PASS	-

Remark: All the warp and weft specimens were jaw broken.



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DETAILED RESULTS:

Tearing Strength

Test Method: ASTM D1424-21; Elmendorf

Specimen No.	19	20				Client's
Items	Result	Result	Result	Result	Result	requirement
Warp yarns torn (Ibf)	>14.1	4.3				Min. 1.5
Weft yarns torn (Ibf)	>14.1	6.0				Min. 1.5
Conclusion	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.

Seam Strength

RC-CSHZ-R063

Test Method: With reference to ASTM D 1683/D1683M-22

Specimen No.	18-Shell with lining					
Items	Client's requirement	Client's requirement Result Conclus				
Side seam (lbf)	Min. 25	89.1(S.T.B.)	2.455			
Bottom seam (Length) (lbf)	Min. 25	101.2(S.T.B.)	PASS			

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



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DETAILED RESULTS:

Bursting Strength

Test Method: ASTM D3786/D3786M-18; Hydraulic method, Test area: 7.3 cm².

Specimen No.	21				
Items	Client's requirement Result Conclusion				
Bursting Strength (P.S.I.)	Min. 40	>200*	PASS		

Specimen No.	22				
Items	Client's requirement Result Conclusion				
Bursting Strength (P.S.I.)	Min. 40	>200*	PASS		

Specimen No.	23				
Items	Client's requirement Result Conclusion				
Bursting Strength (P.S.I.)	Min. 40	167	PASS		

Remarks: *= Exceeds the limitation of tester due to the nature of the fabric

Abrasion Resistance

RC-CSHZ-R063

Test Method: ASTM D4966-12(2016), Option 1; Martindale Wear & Abrasion Tester; 12kPa Pressure

Specimen No.	19	22				Client's
Items	Result	Result	Result	Result	Result	requirement
End point (rubs)	>7500	>7500				7500
Conclusion	PASS	PASS				-



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DETAILED RESULTS:

Pilling Resistance

Test Method: ASTM D3512/D3512M-22; After 30 min. tumbling in Random tumble Pilling Tester

Specimen No.	19					Client's
Items	Result	Result	Result	Result	Result	requirement
As received Rating	4.5					Min. 3.5
Conclusion	PASS					-

Remarks: Pilling Rating

RC-CSHZ-R063

5 No pilling/ No fuzzing

4 Slight pilling/Slight fuzzing

3 Moderate pilling/ Moderate fuzzing

2 Severe pilling/ Severe fuzzing

1 Very severe pilling/ Very severe fuzzing



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DETAILED RESULTS:

Zipper Strength

Test Method: ASTM D2061-07(2021); type: L

Specimen No.	24	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	119.2(Tape separate)	Min. 85
Resistance to Pull-Off Slider Pull (lbf)	31.4(Slider break)	Min. 25
Resistance to Twist of Pull and Slider Test Clockwise (In. lbf) Counter-Clockwise (In. lbf)	2.6 2.5	Min. 1.5
Conclusion	PASS	

Zipper Strength

RC-CSHZ-R063

Test Method: ASTM D2061-07(2021); type: LM

Specimen No.	25			
Items	Result	Client's requirement		
Chain Crosswise Strength Test (lbf)	186.1(Tape separate)	Min. 175		
Resistance to Pull-Off Slider Pull (lbf)	46.3(Slider break)	Min. 35		
Resistance to Twist of Pull and Slider Test Clockwise (In. lbf) Counter-Clockwise (In. lbf)	4.0 4.0	Min. 4		
Conclusion	PASS			



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DETAILED RESULTS:

Zipper Operability

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Test Method: ASTM D2062-03(2021)

Specimen No.	24	
Items	Result	Client's requirement
Chain opening (lbf)	0.5	Max. 2
Chain closing (lbf)	0.8	Max. 2
Conclusion	PASS	

Specimen No.	25	
Items	Result	Client's requirement
Chain opening (lbf)	0.2	Max. 2
Chain closing (lbf)	0.4	Max. 2
Conclusion	PASS	



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DETAILED RESULTS:

SOR/2016-194-Textile Flammability Regulations-Non-bedding Textile

Test Method: CAN/CGSB-4.2 No.27.5-2023

Specimen No.	18-Shell				
Preliminary Tests	Fabric Smooth Test Specimen Direction				Face Length
		Re	esult		
Items	As Rec	eived	After Dry-cle Launde		Client's requirement
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code	•
(1)	-	DNI	-	DNI	
(2)	-	DNI	-	DNI	
(3)	-	DNI	-	DNI	>3.5s
(4)	-	DNI	-	DNI	
(5)	-	DNI	-	DNI	
Conclusion			PASS		•

^{*} Dry-cleaning / Laundering procedure is according to Commercial Dry Cleaning / CAN/CGSB-4.2 No.58-2019, Procedure 5, Dry Procedure D1; Moderate mechanical action at 50° C, Synthetic detergent, Tumble dry normal.

Burn Code Description:

RC-CSHZ-R063

DNI = Did not ignite;



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DETAILED RESULTS:

SOR/2016-194-Textile Flammability Regulations-Non-bedding Textile

Test Method: CAN/CGSB-4.2 No.27.5-2023

Specimen No.	18-Lining					
Preliminary Tests	<u>Fabric</u> <u>Surface</u>	Smooth	Test Specime	Face Length		
		Re	esult			
Items	As Rec	eived	After Dry-cle Launde		Client's requirement	
	Flame Spread (sec.)	Burn Code	Flame Spread (sec.)	Burn Code		
(1)	-	IBE	-	IBE		
(2)	-	IBE	-	IBE		
(3)	-	IBE	-	IBE		
(4)	-	IBE	-	IBE		
(5)	-	IBE	-	IBE	.2.54	
(6)	-	IBE	-	IBE	>3.5s	
(7)	-	IBE	-	IBE		
(8)	-	IBE	-	IBE		
(9)	-	IBE	-	IBE		
(10)	-	IBE	-	IBE		
Conclusion			PASS			

^{*} Dry-cleaning / Laundering procedure is according to Commercial Dry Cleaning / CAN/CGSB-4.2 No.58-2019, Procedure 5, Dry Procedure D1; Moderate mechanical action at 50° C, Synthetic detergent, Tumble dry normal.

Burn Code Description:

RC-CSHZ-R063

IBE = Ignited but extinguished;

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DETAILED RESULTS:

Fiber Content

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Test Method: AATCC TM20-2021

Specimen No.	18-Shell		
Items	Client's requirement	Result	Conclusion
Polyester (%)	N/A	100	Information only

Specimen No.	18-Lining		
Items	Client's requirement	Result	Conclusion
Polyester (%)	100	100	PASS



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DETAILED RESULTS:

RC-CSHZ-R063

19 CFR 134.11, Country of Origin

Test Parameters	Observation	Conclusion
Country of Origin	Present on product and is visible to the consumer at the point of sale.	PASS

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

Section	Requirement	Conclusion
2	Country of Origin Markings	PASS

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

Clause	Test	Conclusion
c.C-11	French Labeling	PASS



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DETAILED RESULTS:

RC-CSHZ-R063

Client's Requirement for Static Load Test

Test Item	Test Method	Requirement	Conclusion
Static Load Test	 Visual check the normal function of the sample under test as received. Hanging the bag in a proper place. Place the test load on the bag with 50lb for 2 hours. 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	PASS





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DETAILED RESULTS:

RC-CSHZ-R063

Client-Performance Requirements-Capacity Test of Bags

Test Item	Test Method	Conclusion
Capacity test	 1.Weigh 1 liter of standard plastic particles and record them as g. 2.Fill the bag with plastic particles using standard methods, then take out the plastic particles and weigh the plastic particles and record them as G. 3.Capacity=G/g 	Information Only: Please refer below for detail result



Main pocket: 21.66L Side pocket: 7.72L Small side pocket: 1.58L Total: 30.96L

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



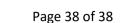
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SPECIMEN DESCRIPTION:

检验检测专用章

RC-CSHZ-R063

Specimen No.	Specimen Description	Location
1	Black textile	Main body
2	Brown synthetic leather	Front belt
3	Black coating	Edge oil of front belt
4	Dull silvery metal	Adjustable buckle frame of front belt
5	Silvery plated black soft plastic	Main zipper teeth
6	Dull silvery metal	Main zipper puller
7	Dull silvery metal	Inner zipper puller of front big pocket
8	Black soft plastic	Inner zipper teeth of front big pocket
9	White foam	Filler of front big pocket
10	Black soft plastic	Elastic of side pocket
11	White soft plastic	Elastic of inner big pocket
12	White foam	Filler of inner side pocket
13	Black coated white label	Big label
14	Black coated white label	Middle label
15	Black coated white label	Small label
16	Black plastic	Adjustable buckle of strap
17	White non-woven textile	Filler of back middle
18	Black backpack	Finished product
19	Black shell fabric	Raw material
20	Black woven lining fabric	Raw material
21	Black mesh lining fabric	Raw material
22	Brown synthetic leather	Raw material
23	Black mesh strap fabric	Raw material
24	Black zipper	Raw material (small style)
25	Black zipper	Raw material (big style)





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SAMPLE PHOTO:

RC-CSHZ-R063





-End Report-