

TEST REPORT

Test Report # 22W-017696(R1) Date of Report Issue: December 9, 2022
Date of Sample Received: November 2, 2022 Pages: Page 1 of 44

CLIENT INFORMATION:

Company: Spector & Co.
Address: testing@spectorandco.com



SAMPLE INFORMATION:

Description: CALL OF THE WILD BAG
Assortment: WHT
PO No.: PO#: 7234100& 3179100
Item No./Name: BG103
Item Class: ASHBURY BAG
Factory/Supplier: USW031
Country of Origin: China
Country of Distribution: Canada, United States
†Testing Period: 11/09/2022-11/21/2022, 12/08/2022-12/09/2022

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.

Eric Liu
Lab Operation Director

Jeremy Xu
Chemical Laboratory Supervisor



RC-CSHZ-R063

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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 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
Information only	Client's requirement, Total Nickel content
Information only	Client's Requirement, Total Tungsten content
PASS	US States Requirement, Per-and Polyfluoroalkyl Substances (PFAS) Content (Total Fluorine Method)
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	Abrasion Resistance
PASS	Pilling Resistance
PASS	Zipper Strength
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



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CONCLUSION	TEST(S) CONDUCTED
PASS	Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin
PASS	Quebec R.S.Q., c.C-11-Charter of French Language-Labeling Review
Information only	R.S.C, 1985 c. T-10 / C.R.C. c. 1551-Textile Labeling Act / Textile Labelling and Advertising Regulations-Labeling Review (Fiber Content)
PASS	Client's Requirement for Static Load Test
Information only	[†] Client-Performance Requirements-Capacity Test of Bags

[†]Revised information and supersedes the previous Report no. 22W-017696.



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.	19	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	26	---	---	---	---	90
Conclusion	PASS	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19	22W-017700	19	November 18, 2022



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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.	1	2+3+4	5+6+7	8+9+10	11+23+24	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.	12	13+14+16	15+17	18	20	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	20	ND	ND	ND	43	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	21	22	---	---	---	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	---	---	---	100
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.



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	Report No.	Specimen No.	
1	22W-017700	1	November 18, 2022
2+3+4	22W-017700	2+3+4	November 18, 2022
5+6+7	22W-017700	5+6+7	November 18, 2022
8+9+10	22W-017700	8+9+10	November 18, 2022
11+23+24	22W-017700	11+23+24	November 18, 2022
12	22W-017700	12	November 18, 2022
13+14+16	22W-017700	13+14+16	November 18, 2022
15+17	22W-017700	15+17	November 18, 2022
18	22W-017700	18	November 18, 2022
20	22W-017700	20	November 18, 2022
21	22W-017700	21	November 18, 2022
22	22W-017700	22	November 18, 2022



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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.	19	---	---	---	---	Total Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	26	---	---	---	---	90
Total Mercury (Hg)	ND	---	---	---	---	10
Conclusion	PASS	---	---	---	---	

Note:

mg/kg=Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit: Pb=15 mg/kg; Hg = 10 mg/kg)

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
19	22W-017700	19	November 18, 2022



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	5+6+7	8+9+10	11+23+24	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.	12	13+14+16	15+17	18	19	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	20	ND	ND	ND	26	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	20	21	22	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	43	ND	ND	---	---	90
Conclusion	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.



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	Report No.	Specimen No.	
1	22W-017700	1	November 18, 2022
2+3+4	22W-017700	2+3+4	November 18, 2022
5+6+7	22W-017700	5+6+7	November 18, 2022
8+9+10	22W-017700	8+9+10	November 18, 2022
11+23+24	22W-017700	11+23+24	November 18, 2022
12	22W-017700	12	November 18, 2022
13+14+16	22W-017700	13+14+16	November 18, 2022
15+17	22W-017700	15+17	November 18, 2022
18	22W-017700	18	November 18, 2022
19	22W-017700	19	November 18, 2022
20	22W-017700	20	November 18, 2022
21	22W-017700	21	November 18, 2022
22	22W-017700	22	November 18, 2022



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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.	19	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (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:

The specification is quoted from client's requirement.

Data Consolidation Reference:

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	Report No.	Specimen No.	
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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.	1	2+3+4	5+6+7	8+9+10	11+23+24	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.	12	13+14+16	15+17	18	20	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	48	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	21	22	---	---	---	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.



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	Report No.	Specimen No.	
1	22W-017700	1	November 18, 2022
2+3+4	22W-017700	2+3+4	November 18, 2022
5+6+7	22W-017700	5+6+7	November 18, 2022
8+9+10	22W-017700	8+9+10	November 18, 2022
11+23+24	22W-017700	11+23+24	November 18, 2022
12	22W-017700	12	November 18, 2022
13+14+16	22W-017700	13+14+16	November 18, 2022
15+17	22W-017700	15+17	November 18, 2022
18	22W-017700	18	November 18, 2022
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21	22W-017700	21	November 18, 2022
22	22W-017700	22	November 18, 2022



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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.	12	20+22	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Nickel(Ni)	10785	151	---	---	---	
Conclusion	Information only	Information only	---	---	---	

Note:

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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
12	22W-017700	12	November 18, 2022
20+22	22W-017700	20+22	November 18, 2022



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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.	12	20+22	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Tungsten (W)	ND	ND	---	---	---	
Conclusion	Information only	Information only	---	---	---	

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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
12	22W-017700	12	November 18, 2022
20+22	22W-017700	20+22	November 18, 2022



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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.	3+5	4	6+7	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Per- and polyfluoroalkyl substances (PFAS) (as total fluorine)	ND	ND	ND	---	100
Conclusion	PASS	PASS	PASS	---	

Note:

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

LT = Less than

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

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

Remarks:

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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
3+5	22W-017700	3+5	November 18, 2022
4	22W-017700	4	November 18, 2022
6+7	22W-017700	6+7	November 18, 2022



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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 No.		1	2+3+4	5+6+7	8+9+10	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	181	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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	22W-017700	1	November 18, 2022
2+3+4	22W-017700	2+3+4	November 18, 2022
5+6+7	22W-017700	5+6+7	November 18, 2022
8+9+10	22W-017700	8+9+10	November 18, 2022



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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 No.		11+23+24	13+14+16	15+17	18	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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
11+23+24	22W-017700	11+23+24	November 18, 2022
13+14+16	22W-017700	13+14+16	November 18, 2022
15+17	22W-017700	15+17	November 18, 2022
18	22W-017700	18	November 18, 2022



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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 No.		19	21	---	---	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	---	---	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
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	---	---	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	---	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	---	---	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	---	---	1000
Conclusion		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.	
19	22W-017700	19	November 18, 2022
21	22W-017700	21	November 18, 2022



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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	5+6+7	8+9+10	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	181	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 % 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:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	22W-017700	1	November 18, 2022
2+3+4	22W-017700	2+3+4	November 18, 2022
5+6+7	22W-017700	5+6+7	November 18, 2022
8+9+10	22W-017700	8+9+10	November 18, 2022



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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.		11+23+24	13+14+16	15+17	18	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 % 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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Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
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13+14+16	22W-017700	13+14+16	November 18, 2022
15+17	22W-017700	15+17	November 18, 2022
18	22W-017700	18	November 18, 2022



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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.		19	21	---	---	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	---	---	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:

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

LT = Less than

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

Remark:

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Data Consolidation Reference:

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	Report No.	Specimen No.	
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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.		1	2+3+4	5+6+7	8+9+10	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	181	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

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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	Report No.	Specimen No.	
1	22W-017700	1	November 18, 2022
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5+6+7	22W-017700	5+6+7	November 18, 2022
8+9+10	22W-017700	8+9+10	November 18, 2022



DETAILED RESULTS:**Client's Requirement, Phthalates content**

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		11+23+24	13+14+16	15+17	18	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 % 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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Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
11+23+24	22W-017700	11+23+24	November 18, 2022
13+14+16	22W-017700	13+14+16	November 18, 2022
15+17	22W-017700	15+17	November 18, 2022
18	22W-017700	18	November 18, 2022



DETAILED RESULTS:**Client's Requirement, Phthalates content**

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		19	21	---	---	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	---	---	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 (DHEXP / DnHP)	84-75-3	ND	ND	---	---	1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	---	---	1000
Diethyl phthalate (DEP)	84-66-2	ND	ND	---	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	---	---	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	---	---	1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	---	---	1000
Conclusion		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)

Remark:

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Data Consolidation Reference:

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	Report No.	Specimen No.	
19	22W-017700	19	November 18, 2022
21	22W-017700	21	November 18, 2022



DETAILED RESULTS:

Color Fastness to Water

Test Method: AATCC 107-2013

Specimen No.	25-Body	25-Bottom	25-Mesh fabric	25-Belt	25-Lining	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Change in shade	4.5	4.5	4.5	4.5	4.5	-
Staining on multi-fiber stripe						
-Acetate	4.5	4.5	4.5	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	4.5	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	-

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

Specimen No.	25-Body	25-Bottom	25-Mesh fabric	25-Belt	25-Lining	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4.5	4.5	4.5	4.0	4.5	Min. 4.0
Wet staining	4.5	4.5	4.5	4.5	4.5	Min. 2.5
Conclusion	PASS	PASS	PASS	PASS	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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DETAILED RESULTS:

Color Fastness to Light

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

Specimen No.	25-Body	25-Bottom	25-Mesh fabric	25-Belt	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
After 20 AFU Change in shade	4.5	4.5	4.5	4.5	---	Min. 4.0
Conclusion	PASS	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.

Dimensions

Test Method: IHTM, Standard Measure

Specimen No.	25	---	---	---	---	Requirement
Items	Result (cm)	Result (cm)	Result (cm)	Result (cm)	Result (cm)	
Length	64	---	---	---	---	N/A
Width	25	---	---	---	---	N/A
Height	18	---	---	---	---	N/A
Conclusion	Information only	---	---	---	---	

Article Weight

Test Method: With reference to IHTM-TXHZ-010

Specimen No.	25		
Items	Client's requirement	Result	Conclusion
Article Weight (g/piece)	N/A	869	Information only



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DETAILED RESULTS:**Defects**

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

Specimen No.	25	Requirement
Item	Result	
Observation	No major defect	Satisfactory
Conclusion	PASS	-

Fabric Weight Per Unit Area

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

Specimen No.	25-White shell	25-Lining	26	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/m ²)	578	74.9	554	---	---	N/A
(oz/yd ²)	17.0	2.21	16.3	---	---	N/A
Conclusion	Information only	Information only	Information only	---	---	-



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DETAILED RESULTS:**Tensile Strength**

Test Method: ASTM D5034-21

Specimen No.	25-White shell	Client's requirement (lbs)
Items	Result (lbf)	
Length	239.8	Min. 25
Width	214.1	Min. 25
Conclusion	PASS	-

Specimen No.	26	Client's requirement (lbs)
Items	Result (lbf)	
Length	207.5	Min. 25
Width	208.6	Min. 25
Conclusion	PASS	-

Remark: All the length and width specimens were jaw broken.

Tensile Strength

Test Method: ASTM D5034-21

Specimen No.	25-Lining	Client's requirement (lbs)
Items	Result (lbf)	
Length	154.3	Min. 25
Width	114.1	Min. 25
Conclusion	PASS	-

Remark: All the length specimens were jaw broken.



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DETAILED RESULTS:

Tearing Strength

Test Method: ASTM D1424-21; Elmendorf

Specimen No.	25-White shell	25-Lining	26	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
Length yarns torn (lbf)	10.4	4.1	8.3	---	---	Min. 1.5
Width yarns torn (lbf)	11.5	2.8	8.9	---	---	Min. 1.5
Conclusion	PASS	PASS	PASS	---	---	-

Note: Length test - test in which the length yarns are torn.

Width test - test in which the width yarns are torn.

Seam Strength

Test Method: With reference to ASTM D 1683/D1683M-17(2018)

Specimen No.	25-Shell		
Items	Client's requirement	Result	Conclusion
Side seam (lbf)	Min. 25	59.3 (S.T.B.)	PASS
Bottom seam (Length) (lbf)	Min. 25	81.0 (S.T.B.)	
Bottom seam (Width) (lbf)	Min. 25	82.9 (S.T.B.)	

Specimen No.	25-Lining		
Items	Client's requirement	Result	Conclusion
Side seam (lbf)	Min. 25	87.2 (S.T.B.)	PASS
Bottom seam (lbf)	Min. 25	94.5 (S.T.B.)	

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



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DETAILED RESULTS:

Abrasion Resistance

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

Specimen No.	25-White shell	25-Black shell	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
End point (rubs)	>7500	>7500	---	---	---	7500
Conclusion	PASS	PASS	---	---	---	-

Pilling Resistance

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

Specimen No.	25-White shell	26	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
As received Rating	4.5	4.5	---	---	---	Min. 3.5
Conclusion	PASS	PASS	---	---	---	-

Remarks: Pilling Rating

- 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(R2021); type: M

Specimen No.	27	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	222.5(Tape separate)	Min. 175
Resistance to Pull-Off Slider Pull (lbf)	55.3(Slider break)	Min.35
Resistance to Twist of Pull and Slider Test Clockwise (In. lbf) Counter-Clockwise (In. lbf)	>7.8* >7.8*	Min.4
Conclusion	PASS	

Remark: *: The maximum capacity of the tester is 7.8 In. lbf

Zipper Operability

Test Method: ASTM D2062-03(2021)

Specimen No.	27	
Items	Result	Client's requirement
Chain opening (lbf)	1.0	Max. 2
Chain closing (lbf)	0.8	Max. 2
Conclusion	PASS	



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DETAILED RESULTS:

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

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

Specimen No.	25-Shell			
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>	Face Length
Items	Result			
	<u>As Received</u>		<u>After Laundering*</u>	
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>
(1)	-	DNI	-	DNI
(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			

* Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Spot clean

Burn Code Description:

DNI = Did not ignite;



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DETAILED RESULTS:

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

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

Specimen No.	25-Lining			
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>	Face Length
Items	Result			
	<u>As Received</u>		<u>After Laundering*</u>	
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>
(1)	-	IBE	-	IBE
(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			

* Laundering procedure is according to CAN/CGSB-4.2 No.30.3-94 & CAN/CGSB-4.2 No.58-2004; Spot clean

Burn Code Description:

IBE = Ignited but extinguished;



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DETAILED RESULTS:**Fiber Content**

Test Method: AATCC TM20-2021

Specimen No.	25-Shell base		
Items	Client's requirement	Result	Conclusion
Polyester (%)	N/A	100	Information only

Specimen No.	25-Lining		
Items	Client's requirement	Result	Conclusion
Polyester (%)	100	100	PASS

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



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DETAILED RESULTS:

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

Test Parameters	Observation
Goods imported into Canada shall be marked, stamped, branded or labelled in legible English or French words, in a conspicuous place that shall not be covered or obscured by any subsequent attachments or arrangements, so as to indicate the country of origin. It shall be as nearly indelible and permanent as the nature of the goods will permit.	Country of Origin Markings
Conclusion	PASS

Quebec R.S.Q., c.C-11-Charter of French Language-Labeling Review

Test Parameters	Observation
Every inscription on a product, on its container or on its wrapping, or on a document or object supplied with it, including the directions for use and the warranty certificates, must be drafted in French. The French inscription may be accompanied with a translation or translations, but no inscription in another language may be given greater prominence than that in French.	Comply with the requirement
Conclusion	PASS



DETAILED RESULTS:

R.S.C, 1985 c. T-10 C.R.C. c. 1551-Textile Labeling Act Textile Labelling and Advertising Regulations-Labeling Review (Fiber Content)

Test Method: R.S.C., 1985, c. T-10& C.R.C., c. 1551, Visual Check.

Test Parameters	Observation	Result
1.Fibre Content		
Every fibre which is present in an amount of 5 percent or more by mass must be declared on the label using its generic name. Exceptions apply where the article contains unknown or undetermined fibres. Additional requirements apply when reclaimed fibres are present. And if the textile article contains trimming or findings other labelling requirements or alternatives exist.	Polyvinyl chloride is not textile material, The lab was not verified. The actual test result: Shell base: 100%polyester Lining: 100%polyester	Information only
Every fibre which is present in an amount of less than 5 percent by mass must be declared on the label using its generic name or the term, "other fibre". Special exceptions to this requirement exist for elastic yarns, reinforcement yarns and ornamentation.	Comply with the requirement	PASS
In conjunction with the generic name, the amount of each fibre must be declared on the label as a percentage of the total fibre mass of the article or its components	Comply with the requirement	PASS
If the textile article consists of parts or sections differing in fibre content, each part or section must be declared on the label in a sectional disclosure. Sectional disclosures are also required for paddings or fillings, such as those used in pillows for beds or those added for warmth, linings and interlinings, as well as for carpets, fabric supported foams and pile, coated or impregnated fabrics.	Comply with the requirement	PASS
2. Bilingual Requirement		
All fibre content information on the label must be bilingual, except in areas where only one official language is used in consumer transactions	Comply with the requirement	PASS
3. Dealer Identity		
The dealer identity (business name and address) must be displayed on the label. Alternatively, a dealer in Canada may use a CA identification number.	Comply with the requirement	PASS
4. Country Of Origin		
If the article or any fabric or fibre there in is imported, Country of origin must be displayed on the label.	Comply with the requirement	PASS
5. Form and Application Of Labels		



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Test Parameters	Observation	Result
The form of a label must ensure that the information contained on the label is factual, legible and accessible to the prospective consumer at the time of purchase.	Comply with the requirement	PASS
Depending on the type of article being labelled, either a permanent or non-permanent label must be applied to a consumer textile article. Special requirements exist for prepackaged articles and labelling alternatives exist for home-crafted articles. Exceptions to this requirement exist for custom-made articles, such as a tailored suit or a carpet cut to the customer's specification.	Comply with the requirement	PASS
Conclusion	Information only	



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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. Hanging the bag in a proper place. 3. Place the test load on the bag with 50lb for 2 hours. 4. 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:

†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
<div style="text-align: center;">  <p>Main Pocket</p> <p>Side Pocket</p> <p>Main pocket: 24.31L Side pocket: 3.34L Total: 27.65 L</p> </div>		



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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Deep grey foam	Raw material
2	Transparent soft plastic with white fiber	Raw material
3	White soft plastic with white fiber	Raw material
4	Grey soft plastic with translucent fiber	Raw material
5	Grey soft plastic with white fiber	Raw material
6	Atrovirens soft plastic with white fiber	Raw material
7	Black soft plastic with white fiber	Raw material
8	Black plastic	Buckle shell
9	Black plastic	Buckle pin
10	Black plastic	Fixed button
11	Black plastic	Adjustable buckle
12	Silvery metal	Silvery zipper puller
13	Translucent plastic	Zipper teeth
14	Black plastic	Zipper teeth
15	Grey soft plastic	Zipper puller string
16	Black plastic	Zipper puller string tail
17	Black soft plastic	Velcro hook
18	Black coated white label	Label
19	Black coating	Zipper head
20	Silvery metal	Zipper head
21	Black coated black textile	Zipper cloth
22	Silvery metal	Buckle push rod
23	Black plastic	Lobster clasp frame
24	Black plastic	Lobster clasp base
25	Call of the wild bag	Finished product
26	Black shell fabric	Raw material
27	Black zipper	Raw material



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SAMPLE PHOTO:



-End Report-



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