

Test report

23W-015788(A1)



Verify Report

Overall result

PASS with information

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

Client information

Client: SPECTOR & CO.
Address: 5700 rue Kieran, Montréal, Quebec H4S
2B5 Canada



Sample information

Description:	NOMAD MUST HAVES BACKPACK
Assortment:	BLK/NVY/KHA
Item no./name:	BGR105
Item class:	ASHBURY BAG
Country of origin:	China
Country of distribution:	Canada, United States
Quantity submitted:	4 pcs per color
Purchase order #:	PO 72910
Factory/supplier:	UST090
Labeled age grade:	-
Tested age grade:	-

General information

Sample receipt date:	08-Nov-2023	Report date:	30-Nov-2023
Testing period:	08-Nov-2023 to 17-Nov-2023, 28-Nov-2023 to 30-Nov-2023		

QIMA (Hangzhou) Testing Co., Ltd.

Eric Liu
Lab Operation Director

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu
Chemical Laboratory Supervisor



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401, 4-5/F, Building 1, No.1213 Huoju South Road,
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE069 ver1.0
Page 1 of 48



Result summary

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

Test(s) conducted	Conclusion
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
Client's requirement, Total Nickel content	Information only
Client's Requirement, Total Tungsten content	Information only
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	PASS
Dimensions	Information only
Article Weight	Information only
Defects	PASS
Fabric Weight Per Unit Area	Information only
Tensile Strength	PASS
Tearing Strength	PASS
Seam Strength	PASS
Abrasion Resistance	PASS
Pilling Resistance	PASS
Zipper Strength	PASS
Zipper Operability	PASS
SOR/2016-194-Textile Flammability Regulations-Non-bedding Textile	PASS
Fiber Content	PASS





Test(s) conducted	Conclusion
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	PASS



Verify Report





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.	4	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	38	---	---	---	---	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.



Verify Report





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.	5	6+7	8	9+10	12	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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
12	23W-015094(A1)	12	30-Nov-2023



Verify Report





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.	4	---	---	---	---	Total Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	38	---	---	---	---	90
Conclusion	PASS	---	---	---	---	

Note:

mg/kg=Milligrams per kilogram

LT = Less than

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



Verify Report





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.	4	5	6+7	8	9+10	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	38	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	---	---	---	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	---	---	---	90
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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
12	23W-015094(A1)	12	30-Nov-2023





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.	4	---	---	---	---	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.



Verify Report





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.	5	6+7	8	9+10	12	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.	
12	23W-015094(A1)	12	30-Nov-2023





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.	4	---	---	---	---	Total Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Mercury (Hg)	ND	---	---	---	---	10
Conclusion	PASS	---	---	---	---	

Note:

mg/kg=Milligrams per kilogram

LT = Less than

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





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.	5	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Nickel (Ni)	ND	---	---	---	---	NA
Conclusion	Information only	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

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

NA=Not applicable



Verify Report





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.	5	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Tungsten (W)	ND	---	---	---	---	NA
Conclusion	Information only	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

NA=Not applicable





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	3	---	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	90	66	---	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)

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.	
1	23W-015094(A1)	16	30-Nov-2023
2	23W-015094(A1)	1	30-Nov-2023
3	23W-015094(A1)	2	30-Nov-2023





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.		4	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	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.



Verify Report





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.		12	---	---	---	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.	
12	23W-015094(A1)	12	30-Nov-2023





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.		4	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	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:

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.		12	---	---	---	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 % 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.	
12	23W-015094(A1)	12	30-Nov-2023



Verify Report





Detailed results

Client's Requirement, Phthalates content

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

Specimen No.		4	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	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.



Verify Report





Detailed results

Client's Requirement, Phthalates content

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

Specimen No.		12	---	---	---	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 % w/w (Percent by weight)
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.	
12	23W-015094(A1)	12	30-Nov-2023





Detailed results

Color Fastness to Water

Test Method: AATCC 107-2022.

Specimen No.	13	14	15	---	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Change in shade	4.5	4.5	4.5	---	---	-
Staining on multi-fiber stripe						
-Acetate	4.0	4.0	4.0	---	---	Min. 3.5
-Cotton	4.5	4.5	4.5	---	---	Min. 3.5
-Nylon	4.0	4.0	4.0	---	---	Min. 3.5
-Polyester	4.5	4.5	4.5	---	---	Min. 3.5
-Acrylic	4.5	4.5	4.5	---	---	Min. 3.5
-Wool	4.5	4.5	4.5	---	---	Min. 3.5
Conclusion	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.	13	14	15	---	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4.0	4.0	4.0	---	---	Min. 4.0
Wet staining	4.0	4.0	4.0	---	---	Min. 2.5
Conclusion	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.



Verify Report





Detailed results

Color Fastness to Light

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

Specimen No.	13	14	15	---	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
After 20 AFU Change in shade	4.5	4.5	4.0	---	---	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.

Dimensions

Test Method: IHTM, Standard Measure

Specimen No.	13	14	15	---	---	Requirement
Items	Result (cm)	Result (cm)	Result (cm)	Result (cm)	Result (cm)	
Length	28.0	28.0	28.0	---	---	N/A
Width	17.0	17.0	17.0	---	---	N/A
Height	45.0	45.0	45.0	---	---	N/A
Conclusion	Information only	Information only	Information only	---	---	



Verify Report





Detailed results

Article Weight

Test Method: With reference to IHTM-TXHZ-010

Specimen No.	13		
Items	Client's requirement	Result	Conclusion
Article Weight (g/piece)	N/A	574	Information only

Specimen No.	14		
Items	Client's requirement	Result	Conclusion
Article Weight (g/piece)	N/A	573	Information only

Specimen No.	15		
Items	Client's requirement	Result	Conclusion
Article Weight (g/piece)	N/A	570	Information only





Detailed results

Defects

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

Specimen No.	13	Requirement
Item	Result	
Observation	No major defect	Satisfactory
Conclusion	PASS	-

Specimen No.	14	Requirement
Item	Result	
Observation	No major defect	Satisfactory
Conclusion	PASS	-

Specimen No.	15	Requirement
Item	Result	
Observation	No major defect	Satisfactory
Conclusion	PASS	-





Detailed results

Fabric Weight Per Unit Area

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

Specimen No.	16	17	18	19	20	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/m ²)	271	69.6	276	262	276	N/A
(oz/yd ²)	7.99	2.05	8.14	7.73	8.14	N/A
Conclusion	Information only	Information only	Information only	Information only	Information only	-

Specimen No.	21	22	23	24	---	Client's requirement
Items	Result	Result	Result	Result	Result	
(g/m ²)	69.6	260	276	69.6	---	N/A
(oz/yd ²)	2.05	7.67	8.14	2.05	---	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.	
16	23W-015094(A1)	20	30-Nov-2023
18	23W-015094(A1)	22	30-Nov-2023
19	23W-015094(A1)	23	30-Nov-2023
20	23W-015094(A1)	24	30-Nov-2023
22	23W-015094(A1)	26	30-Nov-2023
23	23W-015094(A1)	27	30-Nov-2023





Detailed results

Tensile Strength

Test Method: ASTM D5034-21

Specimen No.	16	Client's requirement (lbs)
Items	Result (lbf)	
Warp	318.7	Min. 25
Weft	278.6	Min. 25
Conclusion	PASS	-

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

Tensile Strength

Test Method: ASTM D5034-21

Specimen No.	17	Client's requirement (lbs)
Items	Result (lbf)	
Warp	140.1	Min. 25
Weft	89.9	Min. 25
Conclusion	PASS	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
16	23W-015094(A1)	20	30-Nov-2023





Detailed results

Tensile Strength

Test Method: ASTM D5034-21

Specimen No.	18	Client's requirement (lbs)
Items	Result (lbf)	
Warp	379.1	Min. 25
Weft	314.5	Min. 25
Conclusion	PASS	-

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

Tensile Strength

Test Method: ASTM D5034-21

Specimen No.	19	Client's requirement (lbs)
Items	Result (lbf)	
Warp	333.3	Min. 25
Weft	278.1	Min. 25
Conclusion	PASS	-

Remark: All the warp specimens were jaw broken.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
18	23W-015094(A1)	22	30-Nov-2023
19	23W-015094(A1)	23	30-Nov-2023





Detailed results

Tensile Strength

Test Method: ASTM D5034-21

Specimen No.	20	Client's requirement (lbs)
Items	Result (lbf)	
Warp	379.1	Min. 25
Weft	314.5	Min. 25
Conclusion	PASS	-

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

Tensile Strength

Test Method: ASTM D5034-21

Specimen No.	21	Client's requirement (lbs)
Items	Result (lbf)	
Warp	140.1	Min. 25
Weft	89.9	Min. 25
Conclusion	PASS	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
20	23W-015094(A1)	24	30-Nov-2023





Detailed results

Tensile Strength

Test Method: ASTM D5034-21

Specimen No.	22	Client's requirement (lbs)
Items	Result (lbf)	
Warp	322.9	Min. 25
Weft	262.4	Min. 25
Conclusion	PASS	-

Remark: All the warp specimens were jaw broken.

Tensile Strength

Test Method: ASTM D5034-21

Specimen No.	23	Client's requirement (lbs)
Items	Result (lbf)	
Warp	379.1	Min. 25
Weft	314.5	Min. 25
Conclusion	PASS	-

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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
22	23W-015094(A1)	26	30-Nov-2023
23	23W-015094(A1)	27	30-Nov-2023





Detailed results

Tensile Strength

Test Method: ASTM D5034-21

Specimen No.	24	Client's requirement (lbs)
Items	Result (lbf)	
Warp	140.1	Min. 25
Weft	89.9	Min. 25
Conclusion	PASS	-



Verify Report





Detailed results

Tearing Strength

Test Method: ASTM D1424-21; Elmendorf

Specimen No.	16	17	18	19	20	Client's requirement
Items	Result	Result	Result	Result	Result	
Warp yarns torn (lbf)	7.7	6.7	>14.1	10.8	>14.1	Min. 1.5
Weft yarns torn (lbf)	9.0	5.6	>14.1	11.8	>14.1	Min. 1.5
Conclusion	PASS	PASS	PASS	PASS	PASS	-

Specimen No.	21	22	23	24	---	Client's requirement
Items	Result	Result	Result	Result	Result	
Warp yarns torn (lbf)	6.7	10.8	>14.1	6.7	---	Min. 1.5
Weft yarns torn (lbf)	5.6	11.0	>14.1	5.6	---	Min. 1.5
Conclusion	PASS	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.	
16	23W-015094(A1)	20	30-Nov-2023
18	23W-015094(A1)	22	30-Nov-2023
19	23W-015094(A1)	23	30-Nov-2023
20	23W-015094(A1)	24	30-Nov-2023
22	23W-015094(A1)	26	30-Nov-2023
23	23W-015094(A1)	27	30-Nov-2023





Detailed results

Seam Strength

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

Specimen No.	13		
Items	Client's requirement	Result	Conclusion
Side seam (lbf)	Min. 25	78.2(S.T.B.)	PASS
Bottom seam (lbf)	Min. 25	158.6(S.T.B.)	

Specimen No.	14		
Items	Client's requirement	Result	Conclusion
Side seam (lbf)	Min. 25	73.7(S.T.B.)	PASS
Bottom seam (lbf)	Min. 25	192.2(S.T.B.)	

Specimen No.	15		
Items	Client's requirement	Result	Conclusion
Side seam (lbf)	Min. 25	65.4(S.T.B.)	PASS
Bottom seam (lbf)	Min. 25	140.6(S.T.B.)	

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



Verify Report





Detailed results

Abrasion Resistance

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

Specimen No.	16	18	19	20	22	Client's requirement
Items	Result	Result	Result	Result	Result	
End point (rubs)	>7500	>7500	>7500	>7500	>7500	7500
Conclusion	PASS	PASS	PASS	PASS	PASS	-

Specimen No.	23	---	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
End point (rubs)	>7500	---	---	---	---	7500
Conclusion	PASS	---	---	---	---	-

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
16	23W-015094(A1)	20	30-Nov-2023
18	23W-015094(A1)	22	30-Nov-2023
19	23W-015094(A1)	23	30-Nov-2023
20	23W-015094(A1)	24	30-Nov-2023
22	23W-015094(A1)	26	30-Nov-2023
23	23W-015094(A1)	27	30-Nov-2023





Detailed results

Pilling Resistance

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

Specimen No.	16	18	19	20	22	Client's requirement
Items	Result	Result	Result	Result	Result	
As received Rating	4.0	4.0	4.0	4.0	4.0	Min. 3.5
Conclusion	PASS	PASS	PASS	PASS	PASS	-

Specimen No.	23	---	---	---	---	Client's requirement
Items	Result	Result	Result	Result	Result	
As received Rating	4.0	---	---	---	---	Min. 3.5
Conclusion	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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
16	23W-015094(A1)	20	30-Nov-2023
18	23W-015094(A1)	22	30-Nov-2023
19	23W-015094(A1)	23	30-Nov-2023
20	23W-015094(A1)	24	30-Nov-2023
22	23W-015094(A1)	26	30-Nov-2023
23	23W-015094(A1)	27	30-Nov-2023





Detailed results

Zipper Strength

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

Specimen No.	25	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	197(Tape separate)	Min. 175
Resistance to Pull-Off Slider Pull (lbf)	42(Puller pull out)	Min.35
Resistance to Twist of Pull and Slider Test Clockwise (In. lbf) Counter-Clockwise (In. lbf)	5.4(Slider break) 6.1(Slider break)	Min.4
Conclusion	PASS	

Specimen No.	26	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	197(Tape separate)	Min. 175
Resistance to Pull-Off Slider Pull (lbf)	42(Puller pull out)	Min.35
Resistance to Twist of Pull and Slider Test Clockwise (In. lbf) Counter-Clockwise (In. lbf)	5.4(Slider break) 6.1(Slider break)	Min.4
Conclusion	PASS	

Specimen No.	27	
Items	Result	Client's requirement
Chain Crosswise Strength Test (lbf)	197(Tape separate)	Min. 175
Resistance to Pull-Off Slider Pull (lbf)	42(Puller pull out)	Min.35
Resistance to Twist of Pull and Slider Test Clockwise (In. lbf) Counter-Clockwise (In. lbf)	5.4(Slider break) 6.1(Slider break)	Min.4
Conclusion	PASS	



Verify Report





Detailed results

Zipper Operability

Test Method: ASTM D2062-03(2021)

Specimen No.	25	
Items	Result	Client's requirement
Chain opening (lbf)	0.3	Max. 2
Chain closing (lbf)	0.4	Max. 2
Conclusion	PASS	

Specimen No.	26	
Items	Result	Client's requirement
Chain opening (lbf)	0.3	Max. 2
Chain closing (lbf)	0.4	Max. 2
Conclusion	PASS	

Specimen No.	27	
Items	Result	Client's requirement
Chain opening (lbf)	0.3	Max. 2
Chain closing (lbf)	0.4	Max. 2
Conclusion	PASS	



Verify Report





Detailed results

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

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

Specimen No.	13-Shell				Face Length
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>		
Items	Result				Client's requirement
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(1)	-	DNI	-	DNI	>3.5s
(2)	-	DNI	-	DNI	
(3)	-	DNI	-	DNI	
(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:

DNI = Did not ignite;



Verify Report





Detailed results

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

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

Specimen No.	13-Lining				Client's requirement	
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>			Face Length
Items	Result					
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>			
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>		
(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 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:

IBE = Ignited but extinguished;



Verify Report





Detailed results

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

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

Specimen No.	14-Shell				Face Length
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>		
Items	Result				Client's requirement
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(1)	-	DNI	-	DNI	>3.5s
(2)	-	DNI	-	DNI	
(3)	-	DNI	-	DNI	
(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:

DNI = Did not ignite;



Verify Report





Detailed results

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

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

Specimen No.	14-Lining				Face Length
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>		
Items	Result				Client's requirement
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(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 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:

IBE = Ignited but extinguished;



Verify Report





Detailed results

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

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

Specimen No.	15-Shell				Face Length
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>		
Items	Result				Client's requirement
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(1)	-	DNI	-	DNI	>3.5s
(2)	-	DNI	-	DNI	
(3)	-	DNI	-	DNI	
(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:

DNI = Did not ignite;



Verify Report





Detailed results

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

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

Specimen No.	15-Lining				Face Length
Preliminary Tests	<u>Fabric Surface</u>	Smooth	<u>Test Specimen Direction</u>		
Items	Result				Client's requirement
	<u>As Received</u>		<u>After Dry-cleaning and Laundering*</u>		
	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	<u>Flame Spread (sec.)</u>	<u>Burn Code</u>	
(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 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:

IBE = Ignited but extinguished;



Verify Report





Detailed results

Fiber Content

Test Method: AATCC TM20-2021

Specimen No.	13-Shell		
Items	Client's requirement	Result	Conclusion
Polyester (%)	100	100	PASS

Specimen No.	13-Lining		
Items	Client's requirement	Result	Conclusion
Polyester (%)	100	100	PASS

Specimen No.	14-Shell		
Items	Client's requirement	Result	Conclusion
Polyester (%)	100	100	PASS

Specimen No.	14-Lining		
Items	Client's requirement	Result	Conclusion
Polyester (%)	100	100	PASS

Specimen No.	15-Shell		
Items	Client's requirement	Result	Conclusion
Polyester (%)	100	100	PASS

Specimen No.	15-Lining		
Items	Client's requirement	Result	Conclusion
Polyester (%)	100	100	PASS





Detailed results

Fiber Content

Test Method: AATCC TM20-2021/AATCC TM20A-2021; based on moisture regain weight.

Specimen No.	13-Mesh		
Items	Client's requirement	Result	Conclusion
Polyester (%)	88±3	87.7	PASS
Spandex (%)	12±3	12.3	

Specimen No.	14-Mesh		
Items	Client's requirement	Result	Conclusion
Polyester (%)	88±3	87.7	PASS
Spandex (%)	12±3	12.3	

Specimen No.	15-Mesh		
Items	Client's requirement	Result	Conclusion
Polyester (%)	88±3	87.7	PASS
Spandex (%)	12±3	12.3	

Note: Based on ASTM D1909-13, Moisture regain of Polyester: 0.4%, Spandex: 1.3%.





Detailed results

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



Verify Report





Detailed results

Client's Requirement for Static Load Test

Test Item	Test Method	Requirement	Conclusion
Static Load Test	<ol style="list-style-type: none">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



Verify Report





Specimen description

Specimen #	Specimen description	Location
1	Charcoal grey textile	Main body (charcoal grey style)
2	Dark green textile	Main body (dark green style)
3	Navy textile	Main body (navy style)
4	Black coating	Zipper head (all styles)
5	Silvery metal	Zipper puller (charcoal grey style)
6	Black soft plastic	Zipper teeth (charcoal grey style)
7	Black soft plastic	Side elastic (charcoal grey style)
8	Black plastic	Adjustable buckle (charcoal grey style)
9	Black foam	Main body filler (charcoal grey style)
10	Black foam	Filler of handle back surface (charcoal grey style)
11	Black non-woven textile	Filler of handle (charcoal grey style)
12	Black coated white label	Composition label (charcoal grey style)
13	Dark green bag	Finished product
14	Navy bag	Finished product
15	Charcoal grey bag	Finished product
16	Green shell upper fabric	Raw material(dark green style)
17	Black lining fabric	Raw material(dark green style)
18	Black shell bottom fabric	Raw material(dark green style)
19	Navy shell upper fabric	Raw material (navy style)
20	Black shell bottom fabric	Raw material (navy style)
21	Black lining fabric	Raw material (navy style)
22	Grey shell upper fabric	Raw material(charcoal grey style)
23	Black shell bottom fabric	Raw material (charcoal grey style)
24	Black lining fabric	Raw material (charcoal grey style)
25	Black zipper	Raw material(dark green style)
26	Black zipper	Raw material (navy style)
27	Black zipper	Raw material(charcoal grey style)



Verify Report





Pictures

Sample photo:



Verify Report

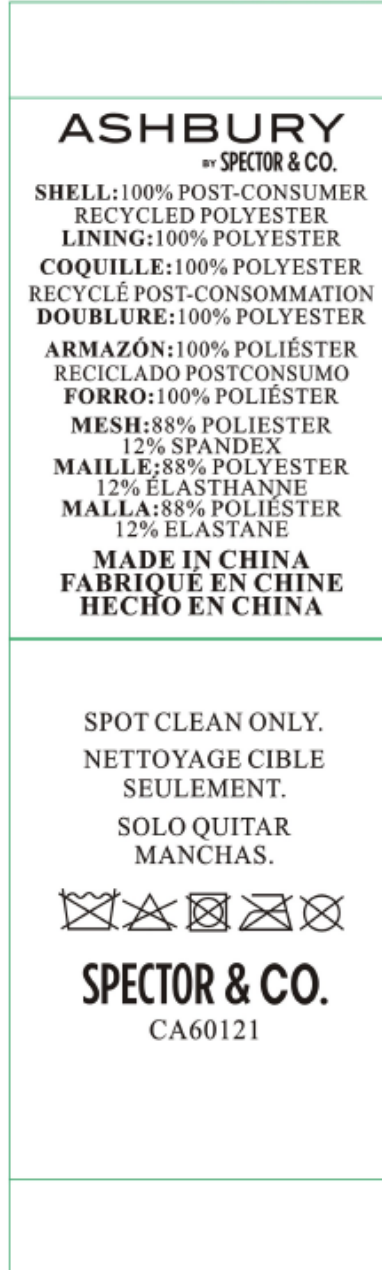




Pictures

Product reference photo:

4*13.3cm
2023-11-23



The photo was provided by the client.

End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA (Hangzhou) Testing Co., Ltd.



Verify Report

