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Fuzhou Yiquchuangyou Wangluokejiyouxiangongsi

Address Fujian Province ,Fuzhou, Cangshanqu, Jianxinzheng, Yangzhoulu NO.23 4-207-2

(The following sample(s) was (were) submitted and identified by client as)

Sample Name kids snow pants

Model/Item No. HXK7017 黑色 灰色 蓝色 红色

Manufacturer Fuzhou Yiquchuangyou Wangluokejiyouxiangongsi

Labeled Age Grading Not provided

Requested Age Grading 3+

Age Group Applied in Testing Over 3 years

Test Period From Sep. 19, 2022 to Sep. 22, 2022

Tests Conducted As requested by the applicant, for details refer to next page(s).

> Signed for and on behalf of Compliance Control Institute (Guangzhou) Co., Ltd.

> > Approved by:

Pascal SHI/Technical Director





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Executive Summary:

No.	TESTED SAMPLE	STANDARD / REQUIREMENT	CONCLUSION
	Submitted samples	Consumer Product Safety Committee(CPSC)16 CFR 1500 - Physical and Mechanical Tests	PASS
1	Submitted samples	Consumer Product Safety Committee(CPSC)16 CFR 1610 - Flammability Test on textile materials	PASS
	Tested material(s) of submitted sample(s)	Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) &15USC1278a - Total Lead (Pb)	PASS
2	Tested material(s) of submitted sample(s)	Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) &16CFR1307 - Phthalates	PASS
	Tested material(s) of submitted sample(s)	Washington State-Children's Safe Product Act (CSPA) - Total Cadmium (Cd)	PASS
3	Tested material(s) of submitted sample(s)	Washington State-Children's Safe Product Act (CSPA) - Phthalates	PASS



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TESTS CONDUCTED:

1.1. Physical and Mechanical Tests - CPSC

As specified in U.S code of federal regulations title 16 part 1500 and part 1501

kids snow pants	SHARP POINT (1500.48)	SHARP EDGE (1500.49)	SMALL PART (1501)	
As Received	Р	Р	NA	
Impact Test (Sec.1500.53b)	Р	Р	NA	
Flexure Test (Sec.1500.53d)	NA	NA	NA	
Torque Test (Sec.1500.53e)	Р	Р	NA	
Tension Test (Sec.1500.53f)	Р	Р	NA	
Compression Test (Sec.1500.53g)	Р	Р	NA	

NA = Not Applicable. Note: P=Pass

1.2. Flammability Test - CPSC

As specified in Title 16 Part 1610 for clothing textiles

Comples	D						Burn	ing Tim	ne (sec	ond)					
Samples				As	Receiv	/ed					Afte	er Wasl	hing		
Thin grove		1	2	3	4	5	Ave	Class	1	2	3	4	5	Ave	Class
Thin grey fabric	Weft	7.5	7.2	8.7	8.1	6.9	7.7	Ι	6.8	7.5	7.1	7.8	7.1	7.3	Ι
Thick grey fabric	Weft	IBE	IBE	IBE	IBE	IBE	-	I	IBE	IBE	IBE	IBE	IBE	-	I
Thin red fabric	Weft	6.5	6.9	7.7	7.4	6.5	7.0	Ι	6.4	6.5	6.2	7.1	7.2	6.7	I
Thick red fabric	Weft	IBE	IBE	IBE	IBE	IBE	-	I	IBE	IBE	IBE	IBE	IBE	-	I
Thin blue fabric	Weft	7.7	7.2	6.6	8.3	8.5	7.7	I	6.7	7.2	6.8	7.4	7.1	7.0	I
Thick blue fabric	Weft	IBE	IBE	IBE	IBE	IBE	-	I	IBE	IBE	IBE	IBE	IBE	-	I
Thin black fabric	Weft	7.6	8.5	8.1	7.3	7.1	7.7	Ι	6.9	7.2	7.8	6.4	6.1	6.9	Ι
Thick black fabric	Weft	IBE	IBE	IBE	IBE	IBE	-	I	IBE	IBE	IBE	IBE	IBE	-	I



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Note: IBE = Ignited But Self-Extinguished Ave = Average D= Direction

Classification:

Class I: Normal flammability

Classification:	Class I (acceptable) Normal flammability	Class II (acceptable) Intermediate flammability	ClassIII(reject) Rapid and intense flammability
Plain surface textile fabrics	≥3.5 sec		<3.5 sec
Raised surface textile fabrics	>7 sec; or 0~7 sec with no base burns(SFBB)	4~7s with base burn(SFBB)	<4 sec. With base burn(SFBB)

2.1. Total Lead content - CPSIA &15USC1278a

Total Lead content in Substrate:

Test Method:

Metal - With reference to CPSC-CH-E1001-08.3

Nonmetal - With reference to CPSC-CH-E1002-08.3, was analyzed by Atomic Absorption Spectrometer (AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Material No.	RL (mg/kg)	Limit (mg/kg)	Test Result (mg/kg)	Conclusion
1+2+3	2	100	N.D.	PASS
4	2	100	N.D.	PASS

Note: 1. mg/kg = Milligram per kilogram (ppm).

2. N.D. = Not Detected (< RL).

3. RL = Reporting Limit.



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2.2. Phthalates - CPSIA &16CFR1307

Test Method: With reference to CPSC-CH-C1001-09.4, was analyzed by Gas Chromatography-Mass Spectrometry (GC-MS).

0.1	CAS No. RL (%)		1: 1: (0/)	Test Result (%)					
Substances			Limit (%)	1+2+3					
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	0.0020	0.1	N.D.					
Dibutyl phthalate (DBP)	84-74-2	0.0020	0.1	N.D.					
Butyl benzyl phthalate (BBP)	85-68-7	0.0020	0.1	N.D.					
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	0.0040	0.1	N.D.					
Diisobutyl phthalate(DIBP)	84-69-5	0.0020	0.1	N.D.					
Diamyl phthalate (DPENP)	131-18-0	0.0020	0.1	N.D.					
Di-n-Hexyl phthalate (DHEXP)	84-75-3	0.0020	0.1	N.D.					
Dicyclohexyl phthalate (DCHP)	84-61-7	0.0020	0.1	N.D.					
Co	Conclusion								

1. % = percentage by weight, 0.1% = 1000 mg/kg = 1000 ppm. Note:

2. N.D. = Not Detected (< RL).

3. RL = Reporting Limit.

3.1. Total Cadmium content - CSPA

Test Method:

Metal - With reference to CPSC-CH-E1001-08.3

Nonmetal - With reference to CPSC-CH-E1002-08.3

Surface coating - With reference to CPSC-CH-E1003-09.1, was analyzed by Atomic Absorption Spectrometer (AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Material No.	RL (mg/kg)	Limit (mg/kg)	Test Result (mg/kg)	Conclusion
1+2+3	2	40	N.D.	PASS

Note: 1. mg/kg = Milligram per kilogram (ppm).

2. N.D. = Not Detected (< RL).

3. RL = Reporting Limit.

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3.2. Phthalates- CSPA

Test Method: With reference to CPSC-CH-C1001-09.4, was analyzed by Gas Chromatography-Mass Spectrometry (GC-MS).

0.1.4	04011-	DI (0/)	1 ! ! (0/)	Test Result (%)
Substances	CAS No.	RL (%)	Limit (%)	1+2+3
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	0.0020	0.1	N.D.
Dibutyl phthalate (DBP)	84-74-2	0.0020	0.1	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	0.0020	0.1	N.D.
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	0.0040	0.1	N.D.
Diisodecyl phthalate (DIDP)	68515-49-1 26761-40-0	0.0020	0.1	N.D.
Di-n-octyl phthalate (DNOP)	117-84-0	0.0020	0.1	N.D.
Co	PASS			

1. % = percentage by weight, 0.1% = 1000 mg/kg = 1000 ppm. Note:

2. N.D. = Not Detected (< RL).

3. RL = Reporting Limit.

Test Material(s) List

Material No.	Description	Location
1	Red plastic	Adjustment buckle
2	Dark blue plastic	Adjustment buckle
3	Black plastic	Adjustment buckle
4	Dark blue fabric	Trousers fabric





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Photo Appendix



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