



TEST REPORT

Report No.: CCI220900240EN

Report Date: Sep. 23, 2022

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Applicant : 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 hiking pants
Model/Item No. : KZ2009 黑色 海军蓝 天蓝 粉色
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

Compliance Control Institute (Guangzhou) Co., Ltd.

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Executive Summary:

No.	TESTED SAMPLE	STANDARD / REQUIREMENT	CONCLUSION
1	Submitted samples	Consumer Product Safety Committee(CPSC)16 CFR 1500 - Physical and Mechanical Tests	PASS
	Submitted samples	Consumer Product Safety Committee(CPSC)16 CFR 1610 - Flammability Test on textile materials	PASS
2	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
	Tested material(s) of submitted sample(s)	Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) &16CFR1307 - Phthalates	PASS
3	Tested material(s) of submitted sample(s)	Washington State-Children's Safe Product Act (CSPA) - Total Cadmium (Cd)	PASS
	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 hiking pants	SHARP POINT (1500.48)	SHARP EDGE (1500.49)	SMALL PART (1501)
As Received	P	P	NA
Impact Test (Sec.1500.53b)	P	P	NA
Flexure Test (Sec.1500.53d)	NA	NA	NA
Torque Test (Sec.1500.53e)	P	P	NA
Tension Test (Sec.1500.53f)	P	P	NA
Compression Test (Sec.1500.53g)	P	P	NA

Note: P=Pass NA = Not Applicable.

1.2. Flammability Test - CPSC

As specified in Title 16 Part 1610 for clothing textiles

Samples	D	Burning Time (second)													
		As Received							After Washing						
		1	2	3	4	5	Ave	Class	1	2	3	4	5	Ave	Class
Blue fabric	Weft	IBE	IBE	IBE	IBE	IBE	-	I	IBE	IBE	IBE	IBE	IBE	-	I
Black fabric	Weft	IBE	IBE	IBE	IBE	IBE	-	I	IBE	IBE	IBE	IBE	IBE	-	I
Red fabric	Weft	IBE	IBE	IBE	IBE	IBE	-	I	IBE	IBE	IBE	IBE	IBE	-	I
Grey fabric	Weft	IBE	IBE	IBE	IBE	IBE	-	I	IBE	IBE	IBE	IBE	IBE	-	I

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



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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).

Substances	CAS No.	RL (%)	Limit (%)	Test Result (%)
				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.
Conclusion				PASS

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

Substances	CAS No.	RL (%)	Limit (%)	Test Result (%)
				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.
Conclusion				PASS

- Note:**
1. % = percentage by weight, 0.1% = 1000mg/kg = 1000ppm.
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.

Test Material(s) List

Material No.	Description	Location
1	Dark blue fabric	Kids hiking pants
2	Black fabric	Kids hiking pants
3	Rose red fabric	Kids hiking pants
4	Blue fabric	Trousers fabric



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Photo Appendix



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★★★★★End of Report★★★★★

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