



Test Report

Report No.: WJ17112000478

Date: Nov 27, 2017

The following information is declared by the applicant:

Sample Description : Sample(s) received is/ are stated to be: 210D POLYESTER 13 COLORS
Style No.: /
Order No.:/
Age grading: /
Country of Origin: /
Country of Destination: /
Date Receive Nov 20,2017
Investigation Requested Please refer to the next page
Conclusion(s) : Please refer to the next page
:

For and on behalf of
ZHEJIANG QIT TESTING TECHNOLOGY SERVICE CO.,LTD
浙江恒祥检测技术服务有限公司

Authorized Signature(s)

Page 1 of 9

浙江恒祥检测技术服务有限公司/Zhejiang QIT Testing Technology Service Co.,Ltd

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- Investigation Requested : 1. Total lead content – United States Consumer Product Safety Improvement Act (CPSIA), Section 101
2. Total lead content - California Proposition 65 Settlement
3. Phthalates content – United States Consumer Product Safety Improvement Act (CPSIA), Section 108
4. Phthalates content - California Proposition 65 Settlement
5. Heavy metal test -ASTM Standard Consumer Safety Specification For Toy Safety F 963-16
- Conclusion(s) : 1. The test part(s) of submitted sample(s) **complied** with the test requirement of total lead content according to United States Consumer Product Safety Improvement Act (CPSIA), Section 101.
2. The test part(s) of submitted sample(s) **complied** with total lead content according to California Proposition 65 Settlement.
3. The test part(s) of submitted sample(s) **complied** with the test requirement of Phthalates content according to United States Consumer Product Safety Improvement Act (CPSIA), Section 108.
4. The test part(s) of submitted sample(s) **complied** with the test requirement of Phthalates content according to California Proposition 65 Settlement
5. The test part(s) of submitted sample(s) **complied** with the test requirement of heavy metal test according to ASTM Standard Consumer Safety Specification For Toy Safety F 963-16

Item NO.	Component Description
Fabric materials:	
1	Fabric: green 210D polyester
2	Fabric: dark green 210D polyester
3	Fabric: black 210D polyester
4	Fabric: light blue 210D polyester
5	Fabric: gray 210D polyester
6	Fabric: dark blue 210D polyester
7	Fabric: purple 210D polyester
8	Fabric: orange 210D polyester
9	Fabric: red 210D polyester
10	Fabric: yellow 210D polyester
11	Fabric: white 210D polyester
12	Fabric: blue 210D polyester
13	Fabric: pink 210D polyester

Test results:**1.TOTAL LEAD CONTENT – UNITED STATES CONSUMER PRODUCT SAFETY IMPROVEMENT ACT (CPSIA), SECTION 101**

Method Used: CPSC testing method CPSC-CH-E1003-09.1(for coating) or CPSC-CH-E1001-08.3(for metallic materials) or CPSC-CH-E1002-08.3 (for non-metallic substrate materials) analyzed by Inductively Coupled plasma-atomic emission Spectrometry

Maximum Allowable Limit	Type I: Paints and surface coatings	90mg/kg
	Type II: Substrate materials	100 mg/kg

Test Item(s)	Type	Result (mg/kg)	Conclusion
1	II	ND	Pass
2	II	ND	Pass
3	II	ND	Pass
4	II	ND	Pass
5	II	ND	Pass
6	II	ND	Pass
7	II	ND	Pass
8	II	ND	Pass
9	II	ND	Pass
10	II	ND	Pass
11	II	ND	Pass
12	II	ND	Pass
13	II	ND	Pass

Note(s): ND = Not Detected

Method detection limit:10mg/kg

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

Remark(s): 1.According to Children’s Products Containing Lead; Exemptions for Certain Electronic Devices; Final Rule, exemption were granted to steel alloy containing up to 0.35 % lead by weight, aluminum containing up to 0.4 % lead by weight and copper-based alloy containing up to 4 % lead by weight.
2. Tested part(s) was/were specified by client.

**2. TOTAL LEAD CONTENT IN JEWELRY ACCORDING TO CALIFORNIA PROPOSITION 65
SETTLEMENT, ALAMEDA SUPERIOR COURT, RG 10-545680 AND RG 10-545687**

Method Used: In-house method, acid digestion and analyzed by Inductively Coupled plasma-atomic emission Spectrometry

Maximum Allowable Limit	Type I: Paints and surface coatings	90mg/kg
	Type II: Substrate materials	200 mg/kg

Test Item(s)	Type	Result (mg/kg)	Conclusion
1	II	ND	Pass
2	II	ND	Pass
3	II	ND	Pass
4	II	ND	Pass
5	II	ND	Pass
6	II	ND	Pass
7	II	ND	Pass
8	II	ND	Pass
9	II	ND	Pass
10	II	ND	Pass
11	II	ND	Pass
12	II	ND	Pass
13	II	ND	Pass

Note(s): ND = Not Detected

Method detection limit: 10mg/kg

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

Remark(s): 1. Tested part(s) was/were specified by client.

3. PHTHALATES CONTENT - UNITED STATES CONSUMER PRODUCT SAFETY IMPROVEMENT ACT

(CPSIA), SECTION 108

Method Used: CPSC testing method CPSC-CH-C1001-09.3 analyzed by Gas Chromatography with Mass Selective Detector

Maximum Allowable Limit	DEHP	0.1%
	DBP	0.1%
	BBP	0.1%
	DINP	0.1%
	DIBP	0.1%
	DPENP	0.1%
	DCHP	0.1%
	DHEXP	0.1%

Test Item(s)	Result (%)	Conclusion
1	ND	Pass
2	ND	Pass
3	ND	Pass
4	ND	Pass
5	ND	Pass
6	ND	Pass
7	ND	Pass
8	ND	Pass
9	ND	Pass
10	ND	Pass
11	ND	Pass
12	ND	Pass
13	ND	Pass

Note(s): ND = Not Detected

Method detection limit: 100mg/kg

mg/kg = milligram(s) per kilogram = ppm = part(s) per million=0.0001%

Remark(s): 1. Tested part(s) was/were specified by client.

4. PHTHALATES CONTENT-CALIFORNIA PROPOSITION 65 SETTLEMENT

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Method Used: EPA 3550C:2007,EPA 8270D-2014 analyzed by Gas Chromatography with Mass Selective Detector

Maximum Allowable Limit	DEHP	0.1%
	DBP	0.1%
	BBP	0.1%
	DnHP	0.1%
	DINP	0.1%
	DIDP	0.1%

Test Item(s)	Result (%)	Conclusion
1	ND	Pass
2	ND	Pass
3	ND	Pass
4	ND	Pass
5	ND	Pass
6	ND	Pass
7	ND	Pass
8	ND	Pass
9	ND	Pass
10	ND	Pass
11	ND	Pass
12	ND	Pass
13	ND	Pass

Note(s): ND = Not Detected

Method detection limit:100mg/kg

mg/kg = milligram(s) per kilogram = ppm = part(s) per million=0.0001%

Remark(s): 1. Tested part(s) was/were specified by client.

2. According to client's request, tests are combination tests. The experimental results are the total result of mixed samples

5. HEAVY METAL TEST -ASTM STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY F 963-16

Method Used: ASTM F963-16 Section 8.3 analyzed by Inductively Coupled Plasma-Optical Emission Spectrometer & Inductively Coupled Plasma Mass Spectrometer

Test Item	Result (mg/kg)								Client's requirement(mg/kg)
	1	2	3	4	5	6	7	8	
Soluble lead	ND	ND	ND	ND	ND	ND	ND	ND	90
Soluble antimony	ND	ND	ND	ND	ND	ND	ND	ND	60
Soluble arsenic	ND	ND	ND	ND	ND	ND	ND	ND	25
Soluble barium	ND	ND	ND	ND	ND	ND	ND	ND	1000
Soluble cadmium	ND	ND	ND	ND	ND	ND	ND	ND	75
Soluble chromium	ND	ND	ND	ND	ND	ND	ND	ND	60
Soluble mercury	ND	ND	ND	ND	ND	ND	ND	ND	60
Soluble selenium	ND	ND	ND	ND	ND	ND	ND	ND	500

Test Item	Result (mg/kg)								Client's requirement(mg/kg)
	9	10	11	12	13	/	/	/	
Soluble lead	ND	ND	ND	ND	ND	/	/	/	90
Soluble antimony	ND	ND	ND	ND	ND	/	/	/	60
Soluble arsenic	ND	ND	ND	ND	ND	/	/	/	25
Soluble barium	ND	ND	ND	ND	ND	/	/	/	1000
Soluble cadmium	ND	ND	ND	ND	ND	/	/	/	75
Soluble chromium	ND	ND	ND	ND	ND	/	/	/	60
Soluble mercury	ND	ND	ND	ND	ND	/	/	/	60
Soluble selenium	ND	ND	ND	ND	ND	/	/	/	500

Remark: 1. There were insufficient materials to produce the test portion of 100 mg in one sample. According to the Standard, the quantities of the elements were calculated as if 100 mg of test portion had been used. The actual weights of the specified materials used for analysis were shown below:

2. The surface coating is less than 10mg, so it is not necessary to conduct the test according to the standard.
3. Tested part(s) was/were specified by client.

Note(s): ND = Not Detected

Method detection limit: 5mg/kg

mg/kg = milligram(s) per kilogram = mg/kg = part(s) per million



***** END OF TEST REPORT *****

The results shown here refer only to the sample(s) tested unless otherwise stated. The report can't be reproduced partly, except in full.