

Applicant: JIN SHEU ENTERPRISE CO., LTD.
8F-9, NO., 502, YUAN SHAN RD.,
ZHONGHE DIST., NEW TAIPEI CITY 23545,
TAIWAN
Attn: HEIDI

Date: Mar 14, 2018

Sample Description:

Several pieces of submitted samples said to be Green polyester lanyards.

Standard : --
Buyer's Name : WORLD WIDE
Colour : GREEN
Vendor : WORLD WIDE
Manufacturer : CHINA
Supplier : CHINA
Style No./Name : --
P.O. No. : --
Ref. : GREEN POLYESTER LANYARD (100% POLYESTER)
AGE RANGE: 3+
Country Of Origin : MADE IN CHINA
Goods Exported To : WORLD WIDE
Date Received/Date Test Started : Refer To Following Remark
Date Final Information Confirmed: --

Remark: No Sample Is Submitted For Testing, All Test Results Are Referred To Previous Report GZHT90769599 Dated Feb 09, 2018.

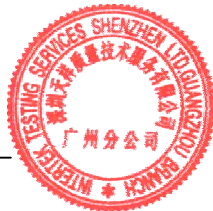
Conclusion:

<u>Index</u>	<u>Test Item</u>	<u>Result</u>
1.	Color Fastness To Perspiration	Pass
2.	Total Lead (Pb) Content In Non-Surface Coating Materials	Pass
3.	Total Cadmium (Cd) Content	Pass
4.	Detection Of Amines Derived From Azocolourants and Azodyes	Pass

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Huang Ning, Andy
Assistant General Manager



1 Color Fastness To Perspiration (ISO 105-E04: 2013):

	<u>Acid:</u>	<u>Alkaline:</u>	<u>Applicant's Requirement</u>
Color Change:	4-5 Grade	4-5 Grade	Min. 4 Grade
Color Staining:			Min. 4 Grade
-Acetate	4-5 Grade	4-5 Grade	
-Cotton	4-5 Grade	4-5 Grade	
-Nylon	4-5 Grade	4-5 Grade	
-Polyester	4-5 Grade	4-5 Grade	
-Acrylic	4-5 Grade	4-5 Grade	
-Wool	4-5 Grade	4-5 Grade	

2 Total Lead (Pb) Content In Non-Surface Coating Materials:

With Reference To CPSC-CH-E1001-08.3:2012/CPSC-CH-E1002-08.3:2012, Acid Digestion Method Was Used And Total Lead Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

<u>Result In ppm</u>	<u>Applicant's Requirement In ppm</u>
ND	90

Remark: ppm = Parts Per Million
 Detection Limit = 10ppm
 ND=Not Detected

Tested Components: Green Textile (Webbing).

3 Total Cadmium (Cd) Content

With reference to EPA 3050B: 1996 and EPA 3051A: 2007, ACID Digestion Method Was Used And Total Cadmium Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

<u>Result In ppm</u>	<u>Applicant's Limit In ppm</u>
< 10	75

Remark: ppm = Parts Per Million
 Detection Limit = 10ppm

Tested Components: Green Textile (Webbing).

4 Detection Of Amines Derived From Azocolourants and Azodyes

With Reference To Test Method: Textile Method (EN 14362-1: 2012);
Leather Method (EN ISO 17234-1:2010);
P-Aminoazobenzene (EN 14362-3: 2012 / EN ISO 17234-2:2011),

Amines Content Was Determined By Gas Chromatography-Mass Spectrometry (GC-MS) And High Performance Liquid Chromatography (HPLC)

	Forbidden Amine	CAS No.	Result (mg/kg)
1.	4-Aminodiphenyl	92-67-1	ND
2.	Benzidine	92-87-5	ND
3.	4-Chloro-o-toluidine	95-69-2	ND
4.	2-Naphthylamine	91-59-8	ND
5.	o-Aminoazotoluene	97-56-3	ND
6.	2-Amino-4-nitrotoluene	99-55-8	ND
7.	p-Chloroaniline	106-47-8	ND
8.	2,4-Diaminoanisole	615-05-4	ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND
13.	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	ND
14.	p-Cresidine	120-71-8	ND
15.	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	ND
16.	4,4'-Oxydianiline	101-80-4	ND
17.	4,4'-Thiodianiline	139-65-1	ND
18.	o-Toluidine	95-53-4	ND
19.	2,4-Toluylenediamine	95-80-7	ND
20.	2,4,5-Trimethylaniline	137-17-7	ND
21.	o-Anisidine	90-04-0	ND
22 ^a	4-Aminoazobenzene	60-09-3	ND

Remark: ND = Not Detected
Detection Limit = 5 mg/kg
Limit = 30 mg/kg

Tested Components: Green Textile (Webbing).

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