

Test Report

Applicant: Smartfiber AG
Im Weidig 12, D-07407 Rudolstadt, Germany

Number : TWNC00618639-S1
Date : Aug 03, 2017
THIS IS TO SUPERSEDE REPORT
NO. TWNC0618639 DATED Aug 03,
2017

Sample Description:

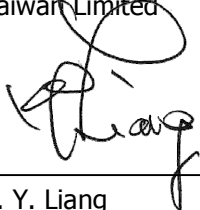
One (1) piece of submitted sample said to be :

Item Name : 75% Tencel, 19% Smartcel™ Sensitive, 6% Spandex, 160 gsm
Fabric
Item No. : JS601
Color : White
Quantity : 1 Piece
Date Sample Received : Jul 05, 2017
Date Test Started : Jul 05, 2017

Test Conducted:

As requested by the applicant, for details please refer to attached pages.

Authorized by:
On Behalf of Intertek Testing Services
Taiwan Limited



K. Y. Liang
Assistant General Manager



Test Conducted :

1. Total Zinc (Zn) Content (Before Washing)

With reference to US EPA 3052, by microwave extraction and determined by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) analysis.

<u>Tested Sample</u>	<u>Result (ppm)</u>
Submitted sample	23200

Remarks: ppm = Parts per million = mg/kg
Detection limit = 2 ppm

2. Total Zinc (Zn) Content (After 20 Washing)

With reference to US EPA 3052, by microwave extraction and determined by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) analysis.

Prewash for 20 cycles as per AATCC 135-2015, machine wash at 27°C, normal cycle, tumble dry cotton sturdy at 60°C.

<u>Tested Sample</u>	<u>Result (ppm)</u>
Submitted sample	22700

Remarks: ppm = Parts per million = mg/kg
Detection limit = 2 ppm

3. Total Zinc (Zn) Content (After 50 Washing)

With reference to US EPA 3052, by microwave extraction and determined by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) analysis.

Prewash for 50 cycles as per AATCC 135-2015, machine wash at 27°C, normal cycle, tumble dry cotton sturdy at 60°C.

<u>Tested Sample</u>	<u>Result (ppm)</u>
Submitted sample	21100

Remarks: ppm = Parts per million = mg/kg
Detection limit = 2 ppm



Test Conducted :

4. Total Zinc (Zn) Content (After 100 Washing)

With reference to US EPA 3052, by microwave extraction and determined by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) analysis.

Prewash for 100 cycles as per AATCC 135-2015, machine wash at 27°C, normal cycle, tumble dry cotton sturdy at 60°C.

<u>Tested Sample</u>	<u>Result (ppm)</u>
Submitted sample	18300

Remarks: ppm = Parts per million = mg/kg
Detection limit = 2 ppm





End of Report

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