

**Test Report**

Number : TWNC00586612

Applicant: New Fibers Textile Corporation  
13F.-10, No. 31, Minzu Rd.,  
Luzhou Dist., New Taipei City 24741,  
Taiwan, R.O.C.

Date : Mar 02, 2017

Sample Description:

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

Item Name : SeaCell Fabric (71%Cotton, 24%SeaCell, 5%Spandex)

Item No. : Beige

Date Job Applied : Feb 23, 2017

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Test Conducted:

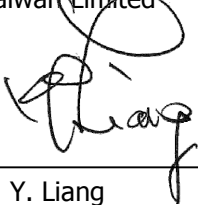
As requested by the applicant, for details please refer to attached pages.

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Remark: Results were transferred and translated from report no. TWNC00584891 dated Feb. 22, 2017.

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Authorized by:  
On Behalf of Intertek Testing Services  
Taiwan Limited



K. Y. Liang  
Director



Test Conducted :

1. 2,2-Diphenyl-1-picrylhydrazyl (DPPH) Free Radical Removing Test

Test Procedure:

1. Prepared 0.2 mM of DPPH free radical with ethanol.
2. After adding 2 g of submitted sample into 50 mL DPPH-Ethanol solution, shook away from light for 120 minutes, and stood in dark for 22 hours.
3. Used UV-Vis Spectrophotometer to detect absorbance at 517 nm, and calculated the free radical removing rate.

<u>Tested Sample</u>	<u>Removing Rate (I%)</u>
Submitted sample	91

Remarks: Removing Rate (I%) =  $[1 - (A517(\text{submitted sample}) / A517(0.2 \text{ mM DPPH}))] \times 100\%$ 

I% = DPPH free radical removing rate

A517 (0.2 mM DPPH) : Absorbance at 517 nm of DPPH-Ethanol solution shook away from light for 120 minutes and stood in dark for 22 hours

A517 (submitted sample) : Absorbance at 517 nm of DPPH-Ethanol solution reacting with submitted sample shook away from light for 120 minutes and stood in dark for 22 hours





End of Report

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