

Textile Laboratory

Test Report

No: TX42932 /2024 /ER

Date: May 07, 2024

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Wirekinetics Co., Ltd.

4F.-3, No.46, Sec. 2, Zhongshan N. Rd., Zhongshan Dist.,
Taipei City 104, Taiwan

The following sample was submitted and identified by applicant as:

Sample Description : One sample of woven fabric micron scale stainless steel scouring

Color : Iron Gray

Fiber Content : 100% 316L stainless steel

End Use : Micron scale stainless steel scouring cloth

Applicant : Wirekinetics Co., Ltd.

Sample Receiving Date : Apr. 25, 2024

Test Performance Period : Apr. 25, 2024 to May 07, 2024

Test Performed : Selected test(s) as requested by applicant.

Test Results : For further details, please refer to the following page(s).

Signed for and on behalf of
SGS Taiwan Ltd.

Ronnie Chang

Chang Chia Hao, Ronnie
Technical Manager



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Test Results:

Antibacterial Finishes on Textile Materials (AATCC 100 - 2019)

Test Bacteria : Esherichia coli BCRC No. 11634		
Test Group	CFU/specimen	Reduction (R)%
Control test at "0" hr (C)	2.3×10^5	94.8
Control test at "24" hr (B)	2.5×10^8	
Treated test at " 24 " hr (A)	1.3×10^7	

Note:

1. Bacteria counts of untreated control at " 0 " hr (C) should be at 1.0×10^5 to 3.0×10^5 CFU/specimen
2. Reduction R (%) = $100(B-A)/B$
3. Samples are 3.8 X 3.8 cm square swatches, equal to 1.0g in total.
4. Sterilized with UV light before testing.

Tested by relevant SGS laboratory.

*** End of Report ***

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