

rent a scientist GmbH
Department of Microbiology

Date: June 22, 2006

TEST RESULTS

Client Name: **Objektplanung Stellwag**
Sample Name: Antimicrobial Microfiber Cloth
Test Item: Antibacterial Activity

DETAILS:

1. Sample description

Sample	Basematerial	Content Silver
Antimicrobial Microfiber Cloth	PET with AgPURE Masterbatch	200 ± 10 ppm

2. Test Results

Sample	Number of Bacteria (after 24 h)	Killing Rate	R-Value
Antimicrobial Microfiber Cloth washed 1 time	6,6x10 ⁶	91,40%	1,1
Antimicrobial Microfiber Cloth washed 1 time and autoclaved	2,2x10 ⁴	99,97%	3,5
Standard Microfiber untreated	7,6x10 ⁷		-
Inoculated Bacteria (Number of Bacteria at 0 h)	1,9x10 ⁴		

3. Test Method: JIS L 1902


Test Bacteria: *Escherichia Coli* K12

4. Conclusion

Antibacterial Activity of testet Sample:

Sample	R-Value	Activity
Antimicrobial Microfiber Cloth washed 1 time	1,1	significant
Antimicrobial Microfiber Cloth washed 1 time and autoclaved	3,5	strong

Regensburg, June 22, 2006


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