



August 21, 2008

Catalina Curtain Company, Inc.
PO Box 2589
Avalon, CA 90704

Re: AEGIS Fabric Certification

Dear Loren,

Testing on the Catalina Curtain Company fabric Avalon/8864 submitted on 08-14-08 has been completed and the results can be found in report #6267.

The sample was laundered (per AATCC 61-1996 protocol) and microbiologically tested using standard AEGIS test methods (ASTM E-2149 and BPB Extraction Assays).

Based on the data presented, this sample has demonstrated acceptable microbiological activity and durability through washes. As such these AEGIS treated Avalon/8864 fabrics pass AEGIS Microbe Shield standards and are cleared for the use of AEGIS certification marks.

Best regards,
Nathan Smith
AEGIS Environments

AEGIS ENVIRONMENTS

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ANALYTICAL & ANTIMICROBIAL TEST RESULTS



Customer: Catalina Curtain Company

Date Received: 08-14-08

Date Reported: 08-21-08

AEM Project Number: 6267

Description	Microbiological Analysis		Chemical Analysis	
	ASTM E2149-01		% Extraction	
	Initial	5X	Initial	5X
Avalon / 8864	99.99%	99.7%	86%	45%

ASTM E2149-01
 1.0g sample
 50 ml 0.3 mM KH₂PO₄
 1x10⁸ *Escherichia coli* / ml
 0.01% Q2-5211 wetting agent
 1 hour contact time

ACTM 0200 BPB Direct Stain (Uniformity):
 1.0g sample
 0.025% BPB dH₂O solution
 20 minute exposure

ACTM 0210 BPB Extraction (EXT):
 1.0g sample
 0.001% BPB dH₂O solution
 20 minute exposure
 595nm Absorbance
 0.01% Q2-5211 wetting agent

AATCC 61-1996 Accelerated Laundering (Washes)
 Test 2A
 38° ±3°C
 50 Steel Balls
 0.15% AATCC Standard Reference Detergent
 ACTM 0001 Post Laundering Protocol

Results submitted by:

Jaimeson L. Whitman
 Research Assistant