

**Carpet & Rug Institute Seal Of Approval Program
For Evaluating Cleaning Effectiveness of Commercial
Carpet Cleaning Chemicals, Cleaning Equipment or
Complete Cleaning Systems**

Prepared For:

Microbial Restoration Services

Completed

September 12, 2024



Test Number:	311194
Test Date:	9/12/2024
CRI #:	n/a

CLIENT	Microbial Restoration Services
TEST METHOD CONDUCTED	Carpet & Rug Institute Seal Of Approval Program For Carpet Extraction Equipment or Complete Cleaning Systems
MANUFACTURER	Microbial Restoration Services
MACHINE MODEL	Tennant 1100 Box & Wand
DETERGENT	Sani-Powder (.0037oz/32oz)
EXTRACTION WAND TYPE	3 Jet Wand
TEST CARPET	Residential Cut Pile 25oz/lyd ²

Results:

XRF Cleaning Equipment Assessment Rating

Average **Not Tested**

Grams Per M² Of Residual Moisture

Immediate **Not Tested**

Resoiling Propensity Assessment Rating

Resoiling **Pass**

Colorfastness Assessment Rating

Light Rating **Pass**

pH Assessment Rating

pH **Not Tested**

Optical Brighteners Assessment

Optical Brighteners **Not Tested**

Surface Appearance Change

Performance Rating **Not Tested**

APPROVED BY: _____

System As Tested



Lee Phillips

This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.



Test Number:	311194
Test Date:	9/12/2024
CRI #:	n/a

CLIENT	Microbial Restoration Services
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TEST METHOD CONDUCTED	CRI TM111 (Sec.2) Determining Re-Soiling Propensity of a Cleaned Carpet
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DESCRIPTION OF TEST MATERIAL	
MANUFACTURER	Microbial Restoration Services
MACHINE MODEL	Tennant 1100 Box & Wand
DETERGENT	Sani-Powder (.0037oz/32oz)
EXTRACTION WAND TYPE	3 Jet Wand
TEST CARPET	Residential Cut Pile 25oz/lyd ²

SCOPE

This test practice provides a standardized laboratory procedure for instrumentally and visually determining the effects of cleaning equipment, chemistry and technologies on the resoiling properties of a specified carpet.

PROCEDURE


The carpet test specimens are secured to a backing sheet that is mounted inside a rotating drum with the pile surface exposed, and are subjected to an accelerated soiling process. A second test specimen is cleaned using the chemicals and procedures supplied by the client. After being thoroughly dried, the specimen is then subjected to the same soiling process. The degree of soiling is measured or assessed by comparing the change in color between soiled and original pile yarn floor covering, using a measurement device or visually using the AATCC Gray Scale.

TEST RESULTS

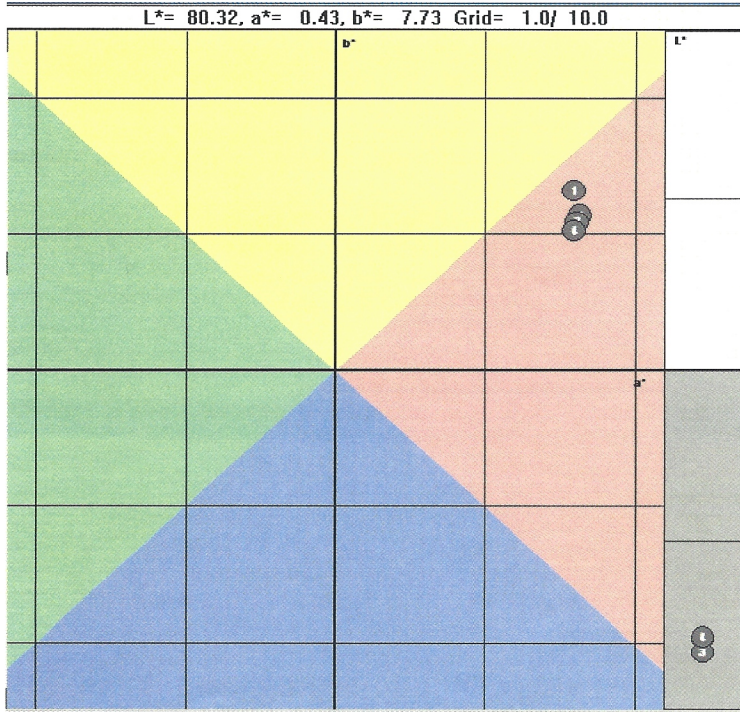
AATCC RATING SUMMARY	
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ID		DE*	Gray Scale	Pass / Fail
#1 SOILED	Soiled Control	13.25	1	
#2 SOILED	Sani-Powder (.0037oz/32oz)	14.09	1	P
#3 SOILED	Sani-Powder (.0037oz/32oz)	14.12	1	P
#3 SOILED	Sani-Powder (.0037oz/32oz)	14.22	1	P

AATCC Rating Scale	
5	No re-soiling
4	Slight re-soiling
3	Noticeable re-soiling
2	Considerable re-soiling
1	Severe re-soiling

APPROVED BY: 

Test Number:	311194
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CRI #:	n/a



CLIENT
Microbial Restoration Services
TEST METHOD CONDUCTED
CRI TM 111 (Sec.2) Resoiling Comparison by 0/45 Spectrophotometer
MATERIAL IDENTIFICATION
Microbial Restoration Services Tennant 1100 Box & Wand Sani-Powder (.0037oz/32oz) 3 Jet Wand

Absolute Values

ID	L*	a*	b*	DE*	Gray Scale	
Standard	Residential Cut Pile 25oz/yd ²					
Tennant 1100 Box & Wand						
Sample 1	#1 Control (3G:1000G A ²)	64.63	2.02	9.04	13.25	1
Sample 2	#1 SOILED (1g/400ft ²) Unextracted	63.79	2.06	8.86	14.09	1
Sample 3	#1 SOILED (1g/400ft ²) Extracted	63.77	2.04	8.81	14.12	1
Sample 4	#1 SOILED (1g/200ft ²) Extracted	63.69	2.02	8.75	14.22	1

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