CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2021

DateRun: 08/29/2021

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ClientType:

ProjectNumber: Project #2

Substrates: Carpet

PartType: Part

Contaminants: Dog Vomit

Cleaning Methods:

Analytical Methods: Colorimeter, Visual

Purpose: To evaluate the removal of synthetic dog vomit from carpet using Funk Away and Nature's Miracle.

Experimental Procedure: Four Funk Away reformulations and the cleaner Nature's Miracle were tested: Funkaway RS 1B, Funk Away RS 1C, Funk Away RS 2B, Funk Away RS 2C, and Natures Miracle. Three carpet coupons were obtained for each of the reformulation products being tested, they were initially rated by four panelists. Coupons were then marked with circular rings in the middle for placing the soil. Coupons were then soiled with synthetic dog vomit and allowed to air dry for 24 hours. After 24 hours of aging, the four panelists rated the dirty coupons. Once the coupons were rated, ten pumps of cleaner were applied to each of the respective coupons. The cleaner was allowed to sit for 2 minutes each. Following the 2 minutes of resting, a paper towel was used to blot the vomit off of the carpet. Once cleaned, coupons were allowed to dry for 24 hours. After the drying period, coupons were again rated for cleanliness by the four panelists. Effectiveness of cleaners was determined.

Results: Visually, Funk Away 1B and 2C performed as well or better than the comparative product with a 1.7 and 1,5 combined averaged cleaned score, where natures miracle scored a 1.6 combined clean average. Funk Away 1C and 2B scored around a 2.0 and were not as visually clean as the other three.

Cleaner	Coupon	Initial				Dirty				Clean				Average (Clean)
		Person 1	Person 2	Person 3	Person 4	Person 1	Person 2	Person 3	Person 4	Person 1	Person 2	Person 3	Person 4	
Funk Away RS 1B	1	1	1	1	1	5	5	5	5	1.5	1.5	1	1.5	1.4
	2	1	1	1	1	5	5	5	5	2	2	1.5	1.5	1.8
	3	1	1	1	1	5	5	5	5	2	2	2	2	2.0
Funk Away RS 1C	4	1	1	1	1	5	5	5	5	2	2	2	2	2.0
	5	1	1	1	1	5	5	5	5	2	2	2	2	2.0
	6	1	1	1	1	5	5	5	5	2	2.5	2.5	2	2.3
Funk Away RS 2B	7	1	1	1	1	5	5	5	5	2.5	2	2	2	2.1
	8	1	1	1	1	5	4.5	4.5	4.5	2	2.5	2	2	2.1
	9	1	1	1	1	5	4	4	4	1.5	2	2	2	1.9
Funk Away RS 2C	10	1	1	1	1	4	4	4	4	2	1	1	1	1.3
	11	1	1	1	1	4.5	4.5	4.5	4	2	1.5	2	1	1.6
	12	1	1	1	1	4.5	4	4	4	2	1.5	2	1	1.6
Nature's Miracle	13	1	1	1	1	4.5	4.5	4.5	4.5	2	1.5	1.5	1.5	1.6
	14	1	1	1	1	4.5	4.5	4.5	4	2	1.5	2	2	1.9
	15	1	1	1	1	4	4	4	4	1.5	1.5	1	1	1.3

Summary

Cleaner	Combined Average
Funk Away RS 1B	1.7
Funk Away RS 1C	2.1
Funk Away RS 2B	2.0

1.5

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Funk Away RS 2C	
Nature's Miracle	1.6

Summary:

Conclusion: Funk Away 1B and 2C performed as well as the comparative product and had the same overall cleaned average. Funk Away 2B and 1C had higher average cleaned scores than the other Funk Away products and the comparative product. Visually the Funk Away 1B and 2C were the cleanest.