

Table S1 Sensory Characteristics: Immediate Afterfeel Results

Code	Gloss – Imm	Coolness - Imm	Facial Lines – Imm	Visual Residue – Imm	Tautness – Imm	Occlusion – Imm	Stickiness - Imm	Moistness - Imm	Slipperiness - Imm	Roughness - Imm
137	24.3 A	9.2 BCD	1.1	2.1 A	8.8 bc	4.5 BC	5.5 CDEF	18.3 A	72.1 A	11.7 DE
195	18.1 EFG	10.4 AB	1.1	0.2 DE	9.2 bc	3.1 BC	5.4 DEF	14.4 BC	65.9 BCD	13.8 ABCD
217	20.2 BCDE	10.0 ABC	1.1	0.7 BCDE	9.8 b	2.8 C	6.0 CDEF	15.3 ABC	63.3 DEF	14.2 ABC
292	21.4 BC	9.7 ABC	1.1	1.2 ABC	9.0 bc	4.3 BC	7.4 BCD	16.1 ABC	69.3 AB	12.2 CDE
392	19.3 CDEF	11.1 A	1.3	0.0 E	8.3 c	3.4 BC	6.4 BCDEF	14.5 BC	65.7 CD	13.6 ABCD
414	18.4 DEF	9.4 BCD	1.1	0.2 DE	9.8 b	4.1 BC	7.8 BC	13.4 CD	67.4 BC	12.9 BCDE
534	15.7 G	8.1 DE	1.1	0.7 BCDE	11.4 a	6.8 A	7.8 BC	10.6 D	66.3 BCD	15.7 A
643	16.9 FG	7.3 E	1.3	0.0 E	9.8 b	4.0 BC	4.8 EF	14.4 BC	68.4 BC	13.3 ABCD
661	19.6 BCDE	10.3 AB	1.4	0.4 CDE	8.4 bc	3.8 BC	4.2 F	17.4 AB	67.2 BC	10.8 E
740	21.9 AB	8.4 CDE	1.3	1.4 AB	8.2 c	3.4 BC	6.6 BCDE	15.8 ABC	66.1 BCD	12.6 BCDE
816	18.3 DEF	9.9 ABC	1.1	1.0 BCD	8.9 bc	4.7 B	8.6 AB	14.8 BC	61.7 F	14.7 AB
841	20.7 BCD	9.1 BCD	1.1	0.3 CDE	9.6 bc	4.3 BC	10.6 A	13.4 CD	61.9 EF	14.5 ABC
924	19.9 BCDE	9.7 ABCD	1.1	0.5 BCDE	9.4 bc	3.1 BC	7.3 BCD	15.1 ABC	65.2 CDE	12.7 BCDE
p-value	<.0001	0.0005	0.5199	0.0027	0.0541	0.0021	<.0001	0.0031	<.0001	0.0048
LSD	2.50	1.63	.	0.97	1.49	1.80	2.28	3.39	3.43	2.37
Sig	**	**		**	*	**	**	**	**	**

Means that share a common letter within an attribute were not statistically different at the 95% confidence level

*= Significantly different at 90% confidence level

** = Significantly different at 95% confidence level

LSD- least significant difference at 95% if p-value < 0.05

Table S2 Sensory Characteristics: Immediate Afterfeel – Residue Results

Code	Amount of Residue – Imm	Soapy Film % Imm	Oil % Imm	Wax % Imm	Grease % Imm	Silicone % Imm	Powder % Imm	Particulates Imm
137	17.3 A	0.0	26.4 A	48.1 D	6.9 cd	18.6 A	0.0	No
195	11.6 CD	0.0	3.3 C	83.1 AB	11.7 abcd	1.9 B	0.0	No
217	13.7 BCD	1.4	3.9 C	74.2 BC	17.8 a	2.8 B	0.0	No
292	14.6 ABC	0.6	16.9 B	63.9 C	5.3 d	13.3 A	0.0	No
392	13.0 BCD	0.0	2.5 C	80.6 AB	13.1 abc	3.8 B	0.0	No
414	11.3 CD	1.9	1.9 C	81.9 AB	9.2 bcd	5.0 B	0.0	No
534	10.6 D	1.1	0.6 C	89.2 A	5.0 d	2.5 B	1.7	No
643	10.7 D	0.0	2.8 C	79.4 AB	14.7 ab	3.1 B	0.0	No
661	14.8 ABC	2.2	4.4 C	76.1 B	15.3 ab	1.9 B	0.0	No
740	13.3 BCD	0.6	3.6 C	78.6 AB	10.0 bcd	7.2 B	0.0	No
816	13.4 BCD	0.6	1.7 C	83.9 AB	8.9 bcd	5.0 B	0.0	No
841	15.3 AB	1.1	5.6 C	73.1 BC	14.7 ab	5.6 B	0.0	No
924	10.5 D	2.2	5.8 C	82.2 AB	6.7 cd	3.1 B	0.0	No
p-value	0.0013	0.3028	<.0001	<.0001	0.0675	<.0001	0.4661	.
LSD	3.61	.	6.50	11.08	7.29	5.78	.	.
Sig	**	.	**	**	*	**	.	.

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LSD- least significant difference at 95% if p-value < 0.05.

Table S3 Sensory Characteristics: Five Minutes Afterfeel Results

Code	Gloss -5Min	Coolness -5 Min	Facial Lines- 5Min	Visual Residue - 5 Min	Tautness - 5 Min	Occlusion - 5 Min	Stickiness - 5 Min	Moistness - 5 Min	Slipperiness - 5 Min	Roughness - 5 Min
137	16.7 A	0.5	1.1	0.0	10.7 e	3.6	1.8 BC	13.7 A	79.4 AB	13.9 CD
195	14.7 BCD	0.4	1.1	0.0	12.2 abcde	5.2	1.9 BC	8.7 BC	77.7 ABCDE	15.8 ABC
217	15.1 ABCD	1.1	1.1	0.0	12.6 abc	4.7	1.9 BC	8.4 C	76.8 CDEF	16.4 AB
292	16.3 AB	0.3	1.1	0.0	11.7 bcde	3.9	1.2 C	11.3 AB	78.7 ABC	13.9 CD
392	15.4 ABCD	0.4	1.3	0.0	10.9 de	5.4	1.9 BC	8.4 C	78.5 ABCD	14.6 BCD
414	14.2 CDE	1.3	1.1	0.0	13.2 ab	3.4	2.6 ABC	8.3 C	79.6 A	15.3 ABCD
534	12.8 E	0.6	1.1	0.3	13.4 a	4.6	4.1 A	8.1 C	78.2 ABCD	16.8 A
643	13.9 DE	0.2	1.3	0.0	12.4 abcd	5.6	2.3 BC	9.6 BC	78.8 ABC	14.9 ABCD
661	14.8 BCD	0.2	1.4	0.0	11.3 cde	4.1	1.5 C	9.7 BC	75.6 EF	13.7 D
740	15.7 ABCD	0.6	1.1	0.0	11.3 cde	4.6	2.5 ABC	10.4 BC	76.2 DEF	15.2 ABCD
816	14.6 BCDE	0.4	1.1	0.0	12.3 abcde	4.1	3.4 AB	9.7 BC	75.0 F	16.1 AB
841	15.5 ABCD	0.3	1.1	0.0	11.9 abcde	5.4	4.1 A	8.4 C	77.1 BCDEF	16.8 A
924	15.9 ABC	0.5	1.1	0.0	12.9 ab	4.4	2.1 BC	9.0 BC	77.3 ABCDEF	14.7 BCD
p- value	0.0012	0.3531	0.4758	0.4661	0.0909	0.4355	0.0091	0.0010	0.0014	0.0149
LSD	1.86	.	.	.	1.57	.	1.76	2.62	2.47	2.02
Sig	**				*		**	**	**	**

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LSD- least significant difference at 95% if p-value < 0.05.

Table S4 Sensory Characteristics: Five Minutes Afterfeel-Residue Results

Code	Amount of Residue - 5 Min	Soapy Film % 5 Min	Oil % 5 Min	Wax % 5 Min	Grease % 5 Min	Silicone % 5 Min	Powder % 5 Min	Particulates 5 Min
137	10.4 A	0.0	11.9 A	67.5 B	1.9	18.6 A	0.0 B	No
195	6.9 C	0.0	0.0 B	93.9 A	3.9	2.2 B	0.0 B	No
217	7.3 BC	0.8	0.6 B	90.0 A	6.4	2.2 B	0.0 B	No
292	10.1 A	0.0	8.3 A	74.4 B	0.6	15.3 A	2.2 B	No
392	7.0 C	0.0	0.0 B	93.4 A	2.8	3.8 B	0.0 B	No
414	7.2 BC	2.5	0.0 B	91.9 A	0.0	5.6 B	0.0 B	No
534	7.2 BC	0.0	0.0 B	90.0 A	0.0	2.2 B	7.8 A	No
643	7.0 C	0.0	0.0 B	92.5 A	4.4	3.1 B	0.0 B	No
661	8.3 ABC	4.2	0.6 B	86.1 A	3.3	0.8 B	0.0 B	No
740	7.0 C	0.0	0.8 B	90.6 A	3.1	5.6 B	0.0 B	No
816	7.8 ABC	0.0	0.3 B	91.4 A	2.8	3.9 B	1.7 B	No
841	9.9 AB	1.1	0.6 B	87.8 A	5.6	4.4 B	0.6 B	No
924	6.4 C	1.4	0.0 B	95.3 A	0.8	2.5 B	0.0 B	No
p-value	0.0248	0.1258	<.0001	<.0001	0.2236	<.0001	0.0022	.
LSD	2.79	.	4.19	10.13	.	5.77	3.69	.
sig	**	.	**	**	.	**	**	.

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LSD- least significant difference at 95% if p-value < 0.05.

Table S5 Sensory Characteristics: Wipes In-Use Results

Code	Transfer Properties			Surface Properties				
	Amount of Product	Paper/Fabric Moistness	Hand Moistness	Gritty	Grainy	Lumpy	Fuzzy	Slipperiness
137	54.3 AB	55.8 A	49.7 A	9.6 BCD	20.7 FG	5.0 E	23.2 AB	73.1 A
195	43.0 E	40.7 DE	35.3 GH	13.5 A	35.6 BC	23.6 AB	18.7 BCD	63.4 BCDE
217	48.7 CD	50.8 AB	42.9 CDEF	7.8 CD	17.2 GHI	20.3 BC	19.1 BCD	58.9 EF
292	49.4 BC	49.2 BC	43.4 BCDE	11.4 AB	28.6 DE	12.2 D	17.8 CD	63.7 BCDE
392	47.8 CDE	43.1 DE	39.7 DEFG	11.4 AB	32.8 BCD	13.7 CD	19.5 BC	65.4 BCD
414	42.6 E	44.7 CD	38.3 EFG	8.0 CD	11.2 IJ	1.9 E	20.7 BC	62.9 CDE
534	50.3 BC	38.1 EF	32.0 HI	6.6 D	45.2 A	29.1 A	11.5 E	56.7 F
643	36.4 F	33.5 F	28.9 I	10.1 BC	31.7 CDE	22.1 B	17.7 CD	66.7 BC
661	56.3 A	55.7 A	48.1 AB	7.3 CD	10.4 J	1.1 E	14.6 DE	66.4 BC
740	43.6 DE	41.7 DE	37.9 FG	8.4 CD	26.1 EF	24.7 AB	26.3 A	66.1 BC
816	42.9 E	51.1 AB	43.6 BCD	9.6 BCD	12.5 HIJ	3.0 E	23.3 AB	59.6 DEF
841	49.8 BC	52.7 AB	49.6 A	10.2 BC	17.6 GH	5.3 E	20.3 BC	69.2 AB
924	47.5 CDE	49.3 BC	46.1 ABC	9.3 BCD	38.6 B	19.9 BC	16.3 CD	66.0 BC
p-value	<.0001	<.0001	<.0001	0.0003	<.0001	<.0001	<.0001	<.0001
LSD	5.52	5.56	5.12	2.98	6.27	6.76	4.75	5.88
sig	**	**	**	**	**	**	**	**

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LSD- least significant difference at 95% if p-value < 0.05.

Table S6 Sensory Characteristics: Wipes In-Use Results Cont.

Code	Manipulation Properties				Visual Properties				
	Thickness Of Wipe	Force To Gather	To Stiffness	Fullness Of Body	Depth Of Embossing (Macro)	Depth Of Embossing (Micro)	Degree Of Embossing (Macro)	Translucency	Blotchy
137	65.8 EF	44.9 F	16.8	37.9 BCD	0.0 D	11.4 C	0.0 C	82.8 BC	20.3 E
195	70.2 CD	48.3 DEF	15.3	41.9 AB	0.0 D	41.0 B	0.0 C	76.9 DE	30.6 BC
217	75.7 B	61.6 AB	17.4	42.1 AB	28.5 B	6.8 C	55.3 B	64.6 F	29.3 BC
292	65.9 EF	46.2 EF	16.4	37.5 CD	0.6 CD	41.1 B	0.0 C	77.2 DE	29.6 BC
392	71.0 CD	47.6 EF	14.6	40.5 ABC	0.0 D	36.3 B	0.0 C	78.3 CDE	26.3 BCDE
414	70.9 CD	56.0 BC	13.6	43.3 A	0.0 D	10.6 C	0.0 C	83.7 B	21.0 DE
534	79.9 A	63.4 A	16.0	42.7 A	84.4 A	12.0 C	93.8 A	35.6 G	44.7 A
643	68.8 CDE	50.6 CDEF	17.4	41.6 ABC	0.0 D	39.3 B	0.0 C	73.4 E	29.7 BC
661	69.2 CDE	46.3 EF	14.3	25.4 F	0.0 D	11.9 C	0.0 C	90.2 A	11.8 F
740	62.9 F	57.2 ABC	13.8	32.7 E	0.0 D	35.5 B	0.0 C	76.9 DE	33.9 B
816	67.2 DE	55.4 BCD	14.0	35.6 DE	0.0 D	10.0 C	0.0 C	78.5 CDE	21.4 DE
841	65.9 EF	52.1 CDE	14.6	36.1 DE	5.6 C	6.3 C	0.0 C	82.1 BCD	25.3 CDE
924	72.6 BC	45.4 EF	15.1	43.6 A	0.6 CD	50.9 A	1.3 C	73.6 E	28.4 BCD
p-value	<.0001	<.0001	0.2592	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
LSD	4.13	7.07	.	4.36	5.11	9.47	4.34	5.13	7.66
Sig	**	**		**	**	**	**	**	**

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LSD- least significant difference at 95% if p-value < 0.05.

Table S7 Sensory Characteristics: Differences from Baseline-
Immediate After Using the Wipes to Remove Makeup Results

Code	Delta Gloss - Imm	Delta Tautness - Imm	Delta Occlusion - Imm	Delta Stickiness - Imm	Delta Moistness - Imm	Delta Slipperiness - Imm	Delta Roughness - Imm
137	13.2 A	-6.2 bc	4.5 BC	5.5 CDEF	13.3 A	-7.9 A	-8.3 DE
195	7.0 EFG	-5.8 bc	3.1 BC	5.4 DEF	9.4 BC	-14.1 BCD	-6.2 ABCD
217	9.1 BCDE	-5.2 b	2.8 C	6.0 CDEF	10.3 ABC	-16.7 DEF	-5.8 ABC
292	10.3 BC	-6.0 bc	4.3 BC	7.4 BCD	11.1 ABC	-10.7 AB	-7.8 CDE
392	8.4 BCDE	-6.8 c	3.4 BC	6.4 BCDEF	9.5 BC	-14.3 CD	-6.4 ABCD
414	7.3 DEF	-5.2 b	4.1 BC	7.8 BC	8.4 CD	-12.6 BC	-7.1 BCDE
534	4.6 G	-3.6 a	6.8 A	7.8 BC	5.6 D	-13.7 BCD	-4.3 A
643	5.1 FG	-5.3 b	4.0 BC	4.8 EF	9.4 BC	-11.6 BC	-6.7 ABCD
661	8.0 CDE	-6.6 bc	3.8 BC	4.2 F	12.4 AB	-12.8 BC	-9.2 E
740	10.8 AB	-6.8 c	3.4 BC	6.6 BCDE	10.8 ABC	-13.9 BCD	-7.4 BCDE
816	7.2 DEF	-6.1 bc	4.7 B	8.6 AB	9.8 BC	-18.3 F	-5.3 AB
841	9.6 BCD	-5.4 bc	4.3 BC	10.6 A	8.4 CD	-18.1 EF	-5.5 ABC
924	8.8 BCDE	-5.6 bc	3.1 BC	7.3 BCD	10.1 ABC	-14.8 CDE	-7.3 BCDE
p-value	<.0001	0.0541	0.0021	<.0001	0.0031	<.0001	0.0048
LSD	2.55	1.49	1.80	2.28	3.39	3.43	2.37
sig	**	*	**	**	**	**	**

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LSD- least significant difference at 95% if p-value < 0.05.

Table S8 Sensory Characteristics: Differences from Baseline-
5 Minutes After Using the Wipes to Remove Makeup Results

Code	Delta Gloss - 5 Min	Delta Tautness - 5 Min	Delta Occlusion - 5 Min	Delta Stickiness - 5 Min	Delta Moistness - 5 Min	Delta Slipperiness - 5 Min	Delta Roughness - 5 Min
137	5.6 A	-4.3 e	3.6	1.8 BC	8.7 A	-0.6 AB	-6.1 CD
195	3.6 BCDE	-2.8 abcde	5.2	1.9 BC	3.7 BC	-2.3 ABCDE	-4.2 ABC
217	3.9 ABCD	-2.4 abc	4.7	1.9 BC	3.4 C	-3.2 CDEF	-3.6 AB
292	5.2 AB	-3.3 bcde	3.9	1.2 C	6.3 AB	-1.3 ABC	-6.1 CD
392	4.4 ABC	-4.1 de	5.4	1.9 BC	3.4 C	-1.5 ABCD	-5.4 BCD
414	3.1 CDE	-1.8 ab	3.4	2.6 ABC	3.3 C	-0.4 A	-4.7 ABCD
534	1.7 E	-1.6 a	4.6	4.1 A	3.1 C	-1.8 ABCD	-3.2 A
643	2.1 DE	-2.6 abcd	5.6	2.3 BC	4.6 BC	-1.3 ABC	-5.1 ABCD
661	3.2 CDE	-3.7 cde	4.1	1.5 C	4.7 BC	-4.4 EF	-6.3 D
740	4.6 ABC	-3.7 cde	4.6	2.5 ABC	5.4 BC	-3.8 DEF	-4.8 ABCD
816	3.4 BCDE	-2.7 abcde	4.1	3.4 AB	4.7 BC	-5.0 F	-3.9 AB
841	4.4 ABC	-3.1 abcde	5.4	4.1 A	3.4 C	-2.9 BCDEF	-3.2 A
924	4.8 ABC	-2.1 ab	4.4	2.1 BC	4.0 BC	-2.7 ABCDEF	-5.3 BCD
p-value	0.0007	0.0909	0.4355	0.0091	0.0010	0.0014	0.0149
LSD	1.96	1.57	.	1.76	2.62	2.47	2.02
sig	**	*		**	**	**	**

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